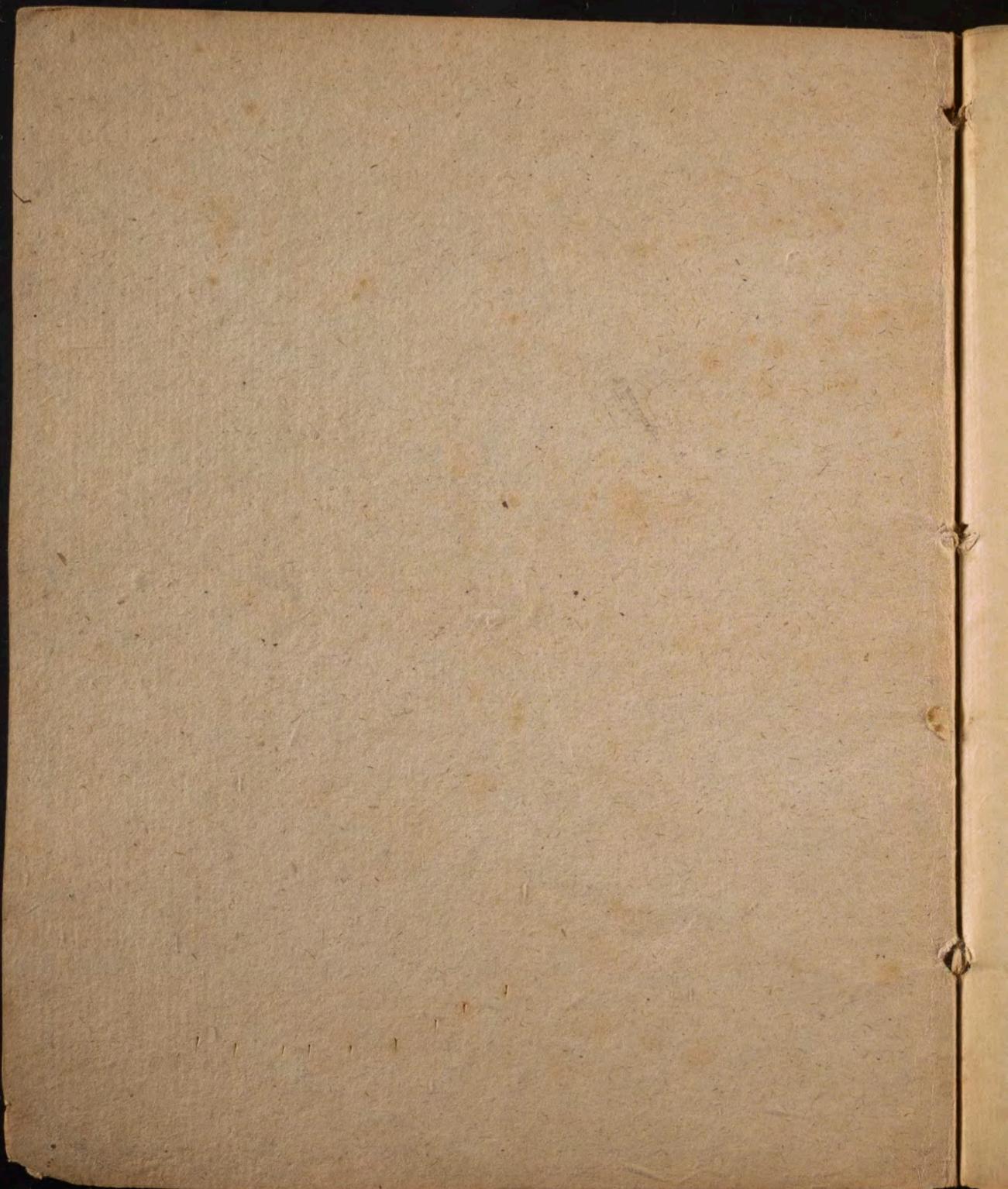
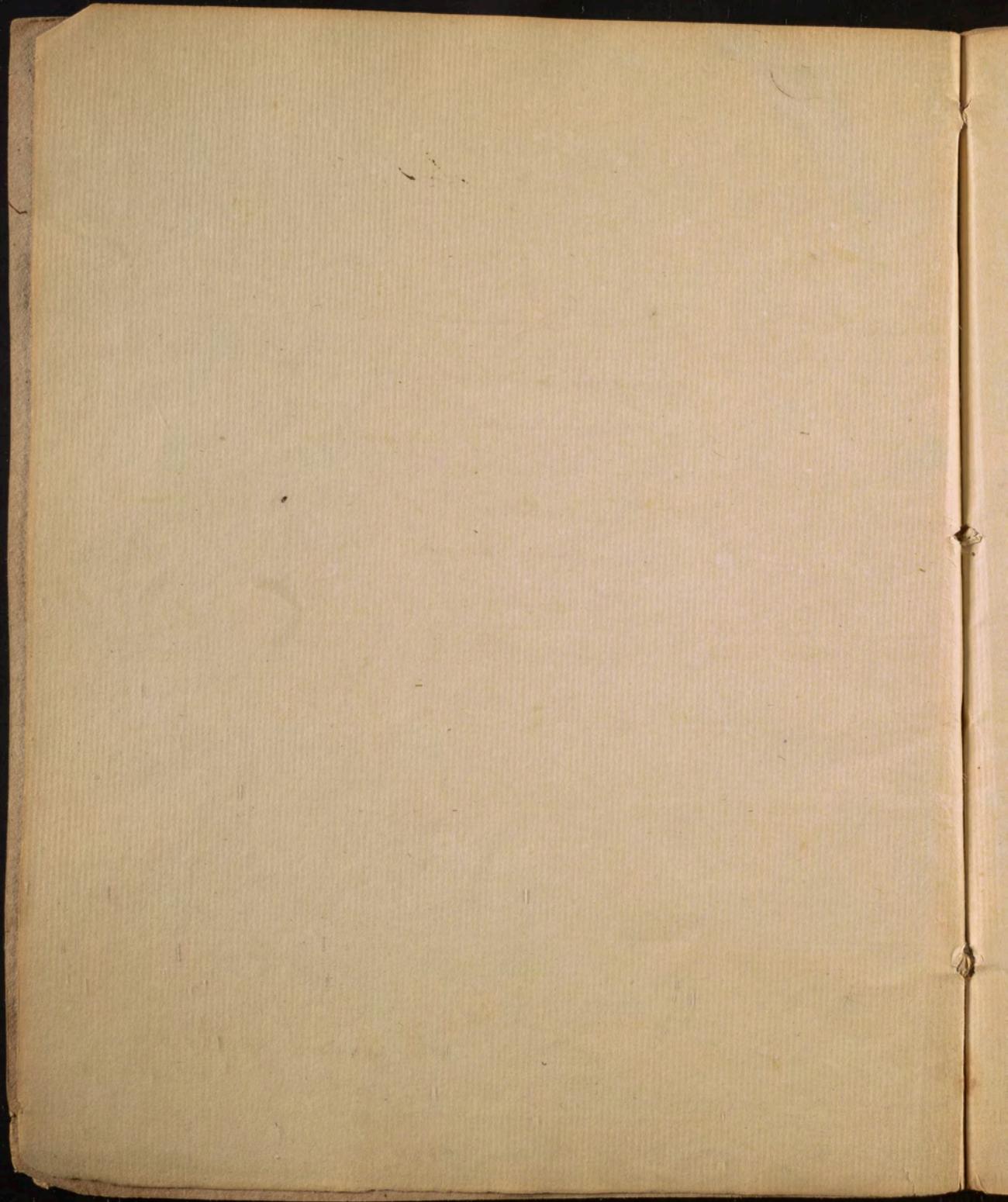


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The Measles 200

Angina maliziosa	218
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## The measles

This disease like the small pox depends upon a specific contagion affecting the external surface of the body - the lungs & throat, <sup>producing</sup> ~~producing~~ <sup>the</sup> exudate or deposit of action. I define it a fever

"A fever attended w<sup>th</sup> sneezing - a ~~and~~ defluxion of water from the eyes - dry cough & bronchitis, with an eruption of small red pimpls generally in clusters on the 3<sup>d</sup> or 4<sup>th</sup> day, which disappear in 3 or 4 days afterwards."

Dr Cullen has given us two species viz  
1 the Vulgar - <sup>above defined</sup> which includes the pustules described by Dr Watson - & the  
2 Variolodes - <sup>th</sup> distinct pustules <sup>the</sup> appear to fill <sup>th</sup> matter like the small pox. -

Van the 1<sup>st</sup> of Feb<sup>ur</sup> the 9<sup>th</sup> at 12 o'clock  
at night was at 0 - at 6 o'clock the  
next morning (the 2<sup>nd</sup>) it stood at 5 below  
0 in the city, & within 20 miles of it  
at the same hour was at 10 & 17 below  
0

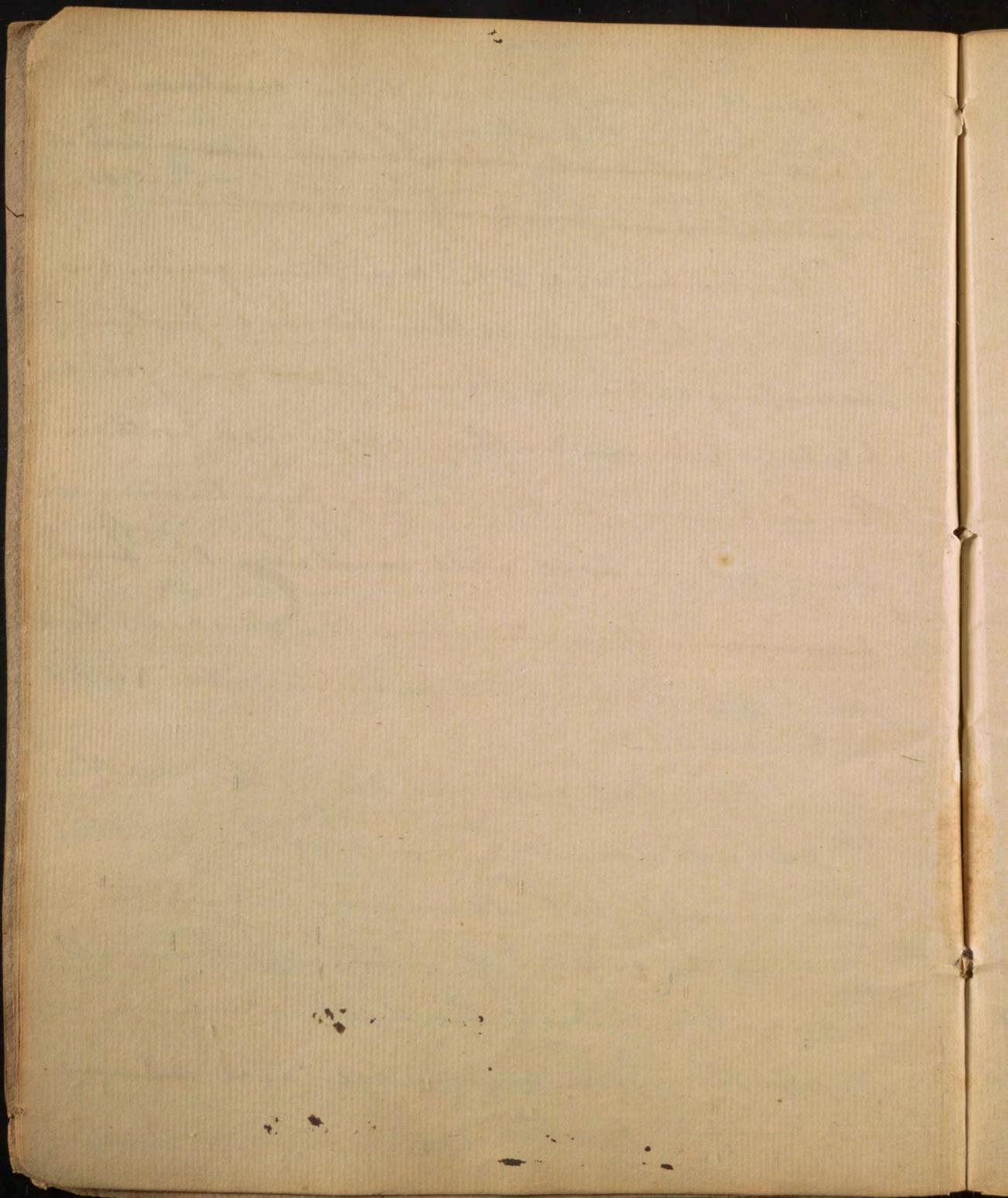
Some facts that

I shall hereafter mention ~~another~~ spec-  
will lead us to another, & I think a more  
~~one~~ - but not till I have described it,  
simple division of the mersley into two species,  
and ~~delivered~~ ~~proof~~ of its ~~do~~ ~~exist~~.

D'Hydenham & D'Feller have given no  
accurate histories of this disease. Instead of  
depeating either of them I shall give you a  
history of them as they appeared within  
the last year in this city. This history will  
be useful, as it will contain <sup>the</sup> ~~the~~ <sup>influence</sup> ~~of our~~ the first  
~~peculiar~~ climate upon the disease, & how  
far it differs from the accounts published of it  
in Europe. —

I shall first give an acc<sup>t</sup> of the weather  
etc: previous<sup>t</sup> than. <sup>Decem<sup>r</sup> 1788 &</sup> In Jan<sup>y</sup> 1789 the weather  
was variable, but seldom very cold. ✓

on the 29<sup>th</sup> & 20<sup>th</sup> of February there fell  
a quantity of snow the depth of which was  
supposed upon a average to be <sup>8 or</sup> ~~about~~  
10 inches. on the 23-24, 25 & 27<sup>th</sup> the weather



was extremely cold - the  $^{\circ}$  fluctuating between  $6^{\circ}$  &  $10^{\circ}$  above  $0^{\circ}$ . -

In the intervals between these cold days, the weather frequently moderated, so  $^{\circ}$  the river was frozen & thawed not less than four times. It <sup>was</sup> ~~did~~ not navigable till the 8<sup>th</sup> of March. There were in all during the winter & month of March 16 distinct falls of snow.

In April & May there were a few warm days - but upon the whole it was a very cold & backward spring. The peaches failed almost universally. There were no Strawberries or Cherries on the 2<sup>nd</sup> of May - the grapes ~~were~~ <sup>now</sup> ~~are~~ <sup>the</sup> ~~are~~ <sup>the</sup> & every other vegetable product was equally backward. - A woman of 84, <sup>years of age</sup> informed me that it was the coldest spring she had ever known. ~~It was uncomfortable to~~ <sup>It was uncomfortable to</sup> ~~to~~ <sup>to</sup> sit without fire

✓ This disease like <sup>many</sup> others of which have  
been mentioned, has its precursor. It was  
a gum boil, <sup>or a sore on the</sup> ~~it was~~ tongue.  
It was very common,  
but not universal. It occurred in  
some instances several days before  
the fever, but in general it made its  
first appearance during the febrile  
fever, & was a sure mark of the approach-  
<sup>ing</sup> ~~to the~~ <sup>of</sup> the eruption of the measles. — I was  
first led to observe this bad fact from  
having read Dr. Quin's accurate Acc<sup>t</sup> of  
the measles in Jamaica. —

I shall now proceed to <sup>mention</sup> ~~describe~~ the sympto-  
ms of the measles as they appeared in different  
parts of the body. —

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~~in the sun~~ during the whole day, till the 1<sup>st</sup> of June.

The measles appeared first in the north  
liberties in Decem<sup>r</sup> - They spread slowly in  
Jan<sup>r</sup>. and were not universal in the city  
till Feb: and March. - ✓

[Besides the symptoms mentioned in the definition, I observed the following]  
1. In the head.

great pain - swelling of the eyelids so as to obstruct the eye sight - toothache - bleeding at the nose - trinitro amine - & deafness - coma for two ~~years~~ days, & convulsions. I saw the last only in one instance. It was brought on by the page of ~~burning~~ <sup>burning</sup> ~~throat & lungs~~ <sup>throat & lungs</sup> the ~~body~~ <sup>body</sup>. Ear

A sore throat - & hoarseness - <sup>acute or dull</sup> spasms in  
the breast <sup>and</sup> sides - painful or distressing  
cough. - In one case for two hours - <sup>without</sup>  
any interruption attended <sup>with</sup> <sup>it continued</sup> with copious expectoration. - In two  
cases I saw a constant involuntary  
discharge of phlegm & mucus with out  
any cough - one of them <sup>terminated</sup> ~~passed~~ fatally.

I saw two  
✓ ~~one~~ cases in which there was no  
cough till the eruption made its ap-  
pearance on the 4th day. — and ~~then~~  
subsists

Spitting of blood occurred in several instances. The symptoms of the lungs were ~~symptomatic~~ pneumonia & were very <sup>common</sup> & ~~not~~ <sup>symptomatic</sup> röthra - two ~~cases~~ & typhoid, I saw common, two fatal cases from <sup>pneumonia</sup> röthra, <sup>in of which</sup> the patients died <sup>with the trunk</sup> in a ~~setting~~ of the body in an erect posture. - One ~~case~~ of <sup>accompanied with all the</sup> usual symptoms of the *Cynanche trachelialis humoralis*. It

~~you did tell~~ There was in many a bad taste in the mouth. - <sup>the muscles</sup>

3 In the Stomach - it produced in many instances sickness & vomiting, &

4 in the Bowels - griping - Diarrhea - & in some instances bloody stools. The diarrhea occurred in every stage of the disorder, but it was bloody & most painful in its decline. - I attended a black girl who died a great many women, but without the least relief of any of her symptoms.

5 ~~Diaphragm~~ - ~~Hiccup~~ - I saw one case of troublesome produced by ~~it~~ the muscles. I saw it pass thro all its stages in a Ch.

+ 3. In the abatement or continuance  
of the fever after the eruption.

There appeared  
red blotches - in others <sup>an</sup> equally  
diffused redness & in a few, eruptions like  
the smallpox called by Dr Cullen Rube-  
ola Venerolades. Dr Waters informed me <sup>2</sup> of  
the same cure of this latter kind in a  
Dispensary patient.

There was a great variety in this disease.

1 In the time of the attack of the fever from the reception of the Contagion. —

In general the interval was 14 days, but it was frequently <sup>appeared before</sup> in some cases ~~in some cases~~ — times later than that period.

2 In the ~~first~~ time of the eruption from the beginning of the fever. <sup>generally it appeared on</sup> the 2<sup>nd</sup> <sup>th</sup> days. In one case Dr. Waters informed me it did not appear till the 8<sup>th</sup> day. — +

3 In the color & figure of the eruption.

it put on In some a pale red — in others a deep

& in a few — a livid color — resembling an incipient mortification. In some ✓

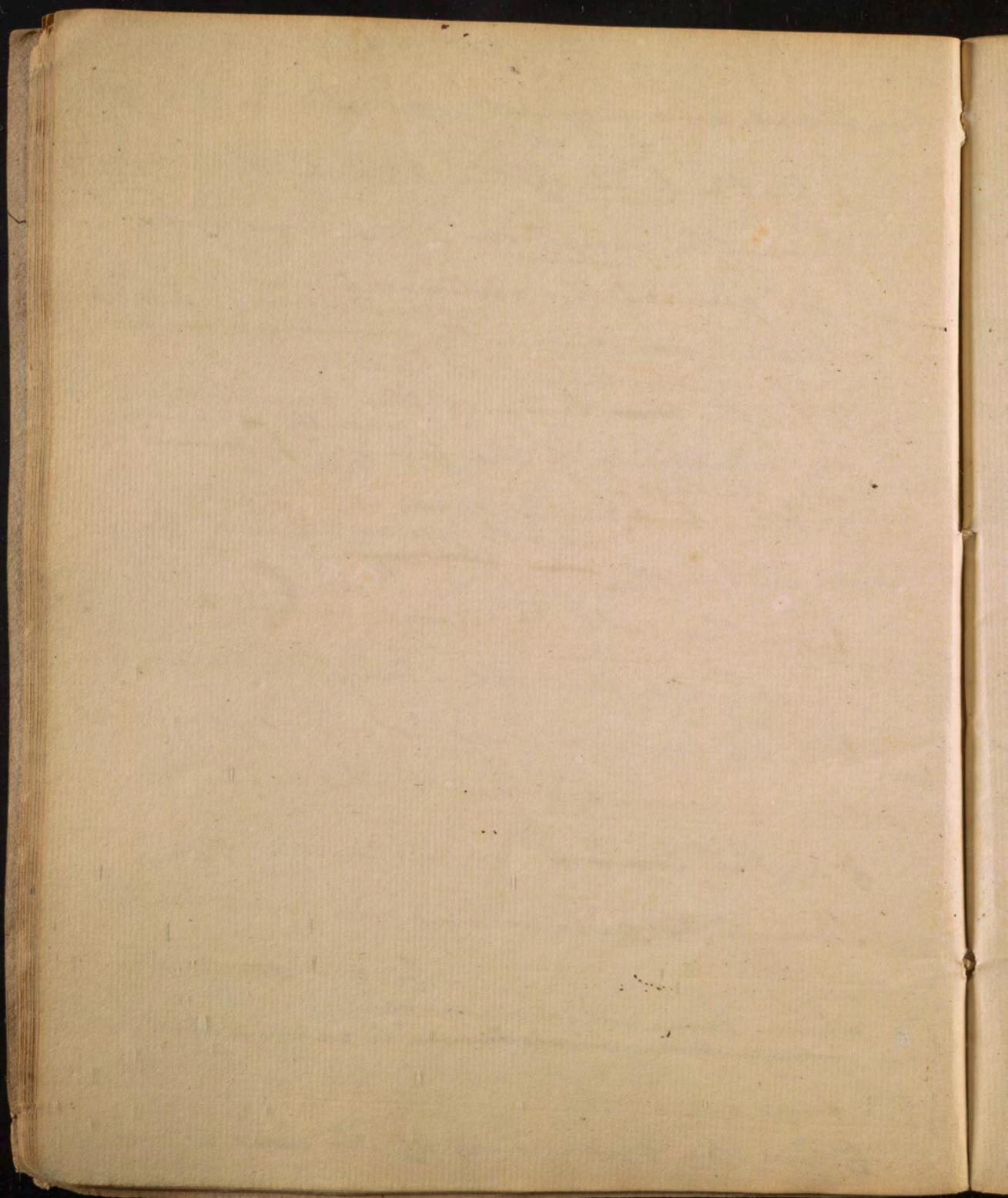
4 In the <sup>duration</sup> continuance of the eruption on the

skin. It remained in most cases

only 3 or 4 days — but ~~I saw~~ in one which came under my care ~~of my own children~~ it remained nine

days.

5 In the manner of its ~~loss~~ reversion.



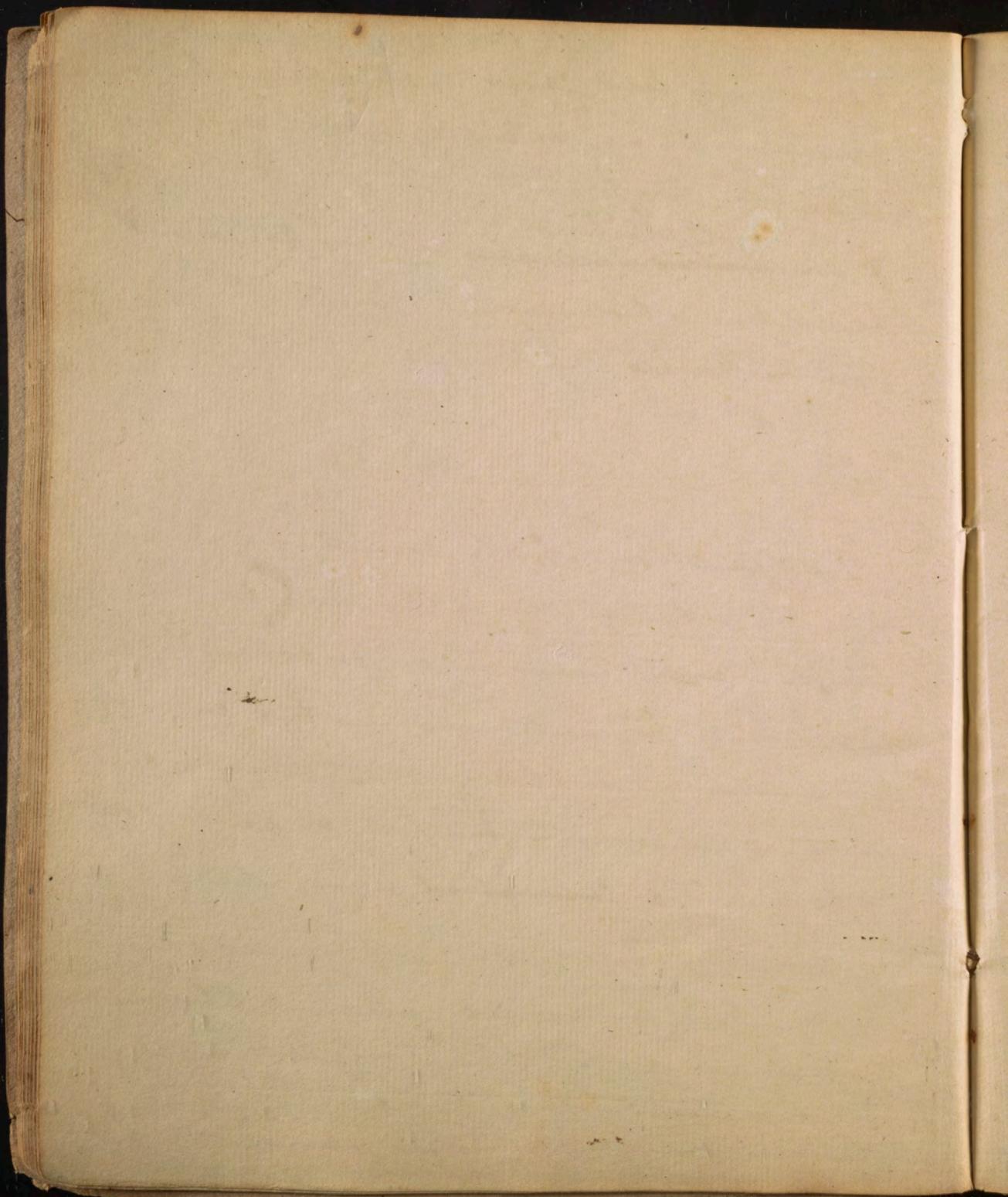
I saw very few cases of its leaving the Connny  
Appearance so generally spoken off by Au-  
thors on the skin. —

~~In not affecting passing~~ by many persons, I saw  
families who were exposed to it. —

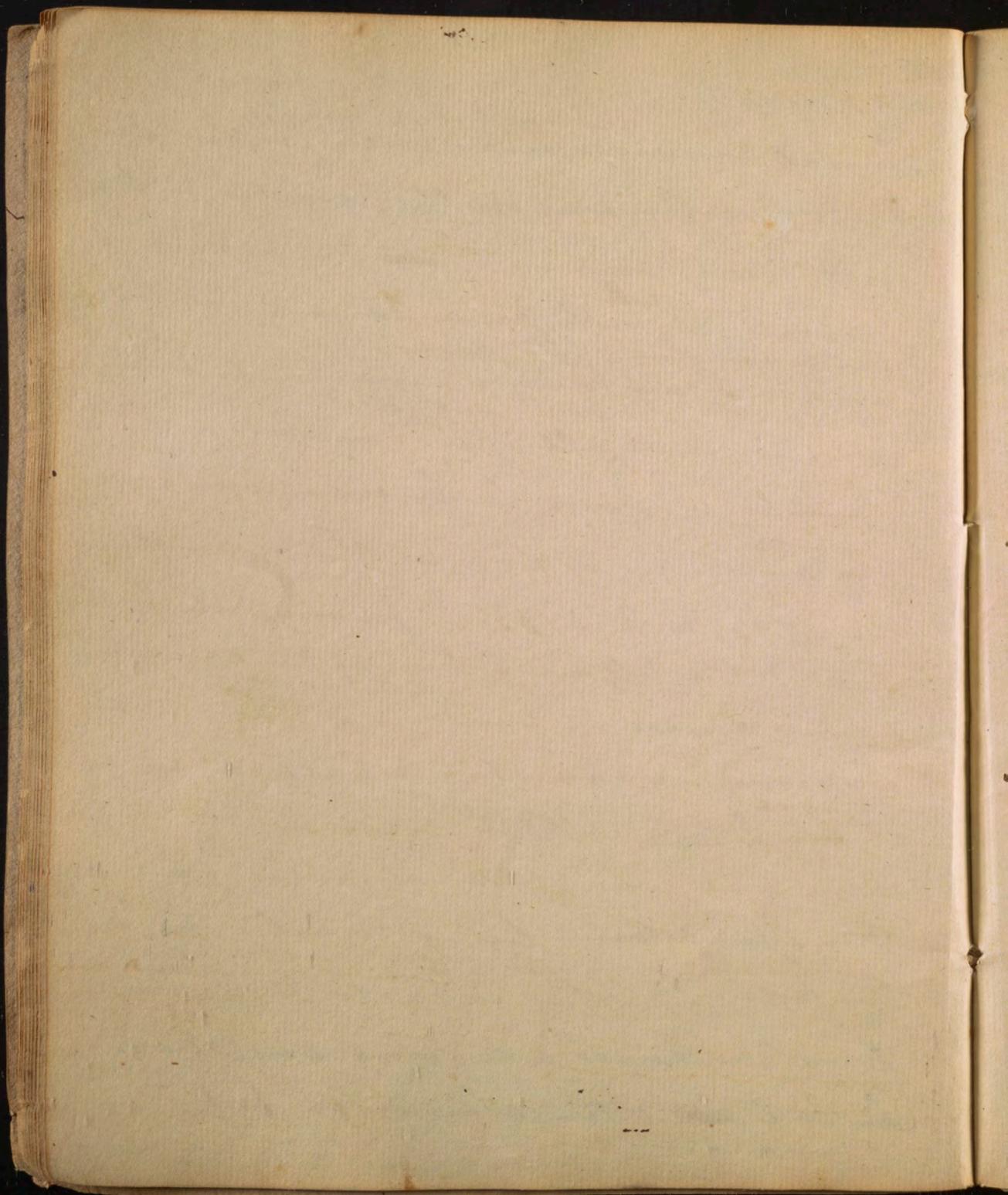
~~In the In  
for the nature~~

The symptoms which continued in many  
after the restoration of the muscles were  
Cough - of the hoarseness - or complete  
Aphonia <sup>or</sup> continued in two cases for  
two weeks, — Diarrhea - Ophthalmia - a bad  
taste in the mouth, <sup>a</sup> & deficit, or excess of Appe-  
-tite, - and a catarrhal fever which in  
some instances was of the intermitting  
kind, but in more, assumed the more  
dangerous form of the typhus milder.

I saw two cases of Hydrocephalus interius  
after it - one was perhaps ~~not~~ excited by a  
ball. They both ended fatally. —



During the prevalence of the disease I saw  
 several persons, <sup>who had had the measles</sup> affected with <sup>the</sup> <sup>right</sup> <sup>cough</sup>, sore  
 throat, & even sores on the mouth who  
 were closely confined to ~~the~~ the rooms of  
 patients ill <sup>with the</sup> with Measles. — I find the same  
 fact taken notice of by Dr. Quier. —  
 But I saw further — many Children  
 affected with <sup>the</sup> <sup>right</sup> <sup>cough &</sup> <sup>other</sup> symptoms of the  
 Measles <sup>which</sup> have been mentioned, except  
<sup>general</sup> <sup>one</sup> <sup>infection</sup>. I observed the same thing  
 in 1773, and 1783. — In my note book  
 I find the following <sup>an</sup> <sup>2</sup> of the appearance  
 of this disease in Children & "The measles  
 " appeared in March. A Catarrh (or by  
<sup>2</sup> <sup>name</sup> <sup>of</sup> <sup>then</sup> <sup>I then</sup> called it) appeared at the  
 " same time <sup>&</sup> was often mistaken for them;  
 " the symptoms being nearly the same  
 " in both. In the Catarrh there was in  
 " some instances a trifling infection. I  
 " at last ~~at~~ often attended it, & some who  
 " had it, had <sup>an</sup> extreme sore mouth." —



I was the more struck with this disease from finding it taken notice by Dr. Sydenham. He calls it a smallpox fever. I likewise ~~had~~ <sup>find</sup> with an acc<sup>n</sup> of it in the 2<sup>d</sup> article of the 2<sup>d</sup> Vol. of the medical essays. — The words of the author who is anonymous, are as follow. "During this measlesy fever, several persons who had never had the measles had all the symptoms of measles, <sup>as</sup> went off in a few days without any eruption. The same persons had the measles many, or years afterwards": — ~~them~~

If this disease ~~was~~ <sup>is</sup> a common fever, marked as by the reigning epiz-  
-emias, and produced <sup>as</sup> in the same manner with  
the variolous fever <sup>described by Dr. Sydenham</sup> which he says prevailed at the same time with the  
~~smallpox~~ — I think it is <sup>as</sup> smallpox. — This opinion <sup>is</sup> the first. my reasons for it are as follow.

3<sup>d</sup> V It terminated in a pulmonary consumption in a boy of ten years old with <sup>all</sup> the symptoms which attend that disease when it follows the regular measles. -

VI This should not surprise us, for it has been proved that the measles infect before their eruption. See med. Journal. IX.

The measles then

~~It~~ It appears to fall on the analogy of the small pox, which affects so superficially as to be taken a <sup>2<sup>d</sup> time, and which produce on persons who have had them what are called nurse pox. — They follow the analogy of <sup>viz</sup> the Scarlatina Anginosa. Likewise another disease <sup>↑ for 1733</sup> In the out<sup>th</sup> of the 2<sup>d</sup> epidemics published in the 3<sup>d</sup> vol: of the medical epoxys <sup>of Edin</sup> we are told that such patients as had previously the scarlet fever <sup>th</sup> sore throat, took the sore throat & had no eruption, while those who had previously had the sore throat had a scarlet eruption, but the throat remained free from <sup>the</sup> distresses all other persons affected had both. See edited &</sup>

1 I never saw it affect any but children & such only as had never had the measles. —

2 It affected whole families at the same time. It proved fatal to one of 3 children whom it affected on the same day. ~~all 3 died in this period~~

3 It affected in one family on the same day that <sup>two</sup> ~~every~~ other member of the family

were affected with the genuine measles.

4 It <sup>appeared</sup> ~~occurred~~ on the usual <sup>days</sup> of the genuine measles, from the time the persons affected with it were exposed to its ~~old~~ infection. and

5 It communicated the disease in one family, in the usual time in which the disease is taken from the measles.

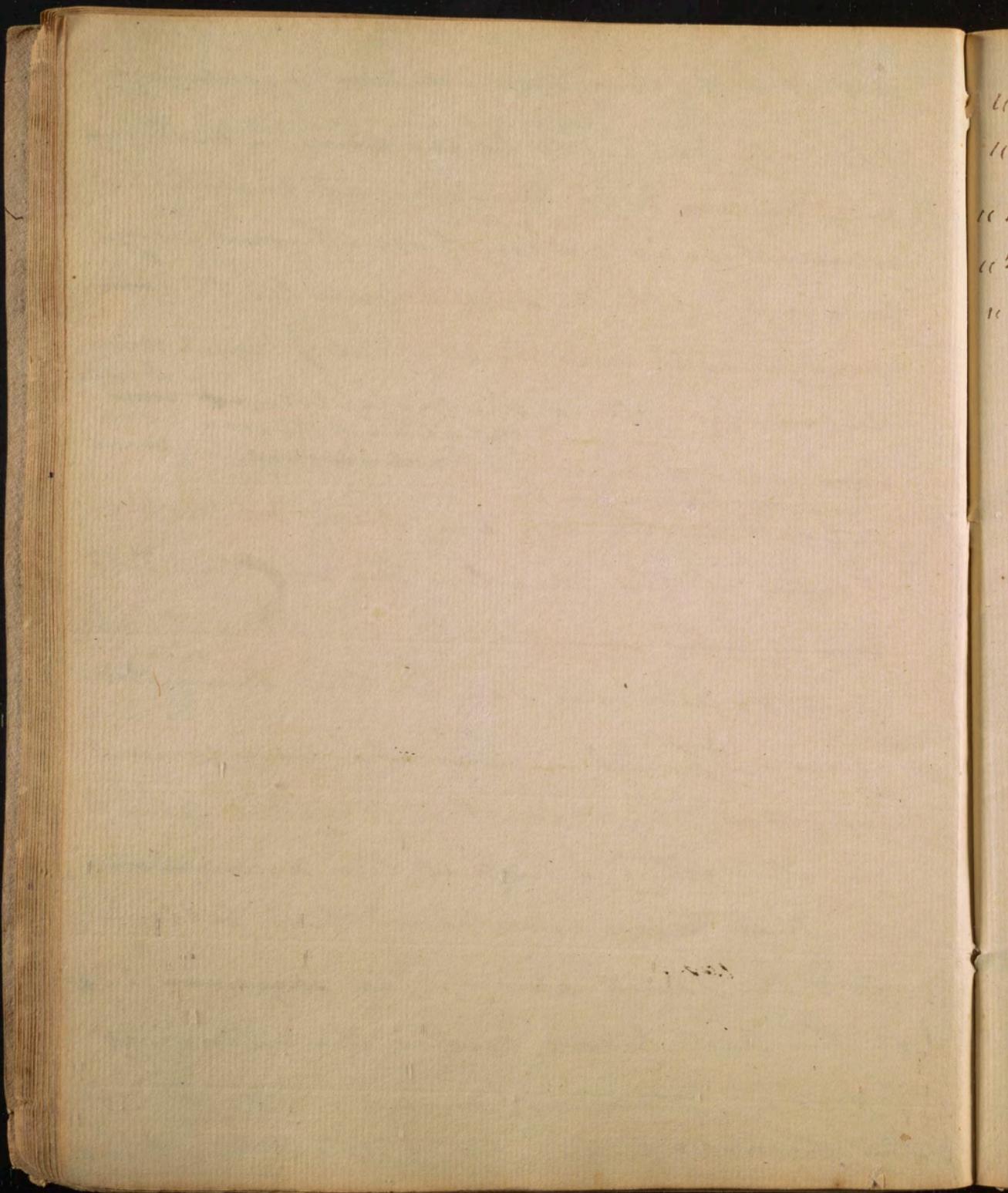
From these facts, I <sup>have taken</sup> the liberty of ~~calling~~ <sup>calling</sup> it the

Internal measles to distinguish it from those which are external. — I think the discovery of this new species of this

the review of German literature say they have met  
with Scarletina & measles without eruption -

disorder of same application to practice.

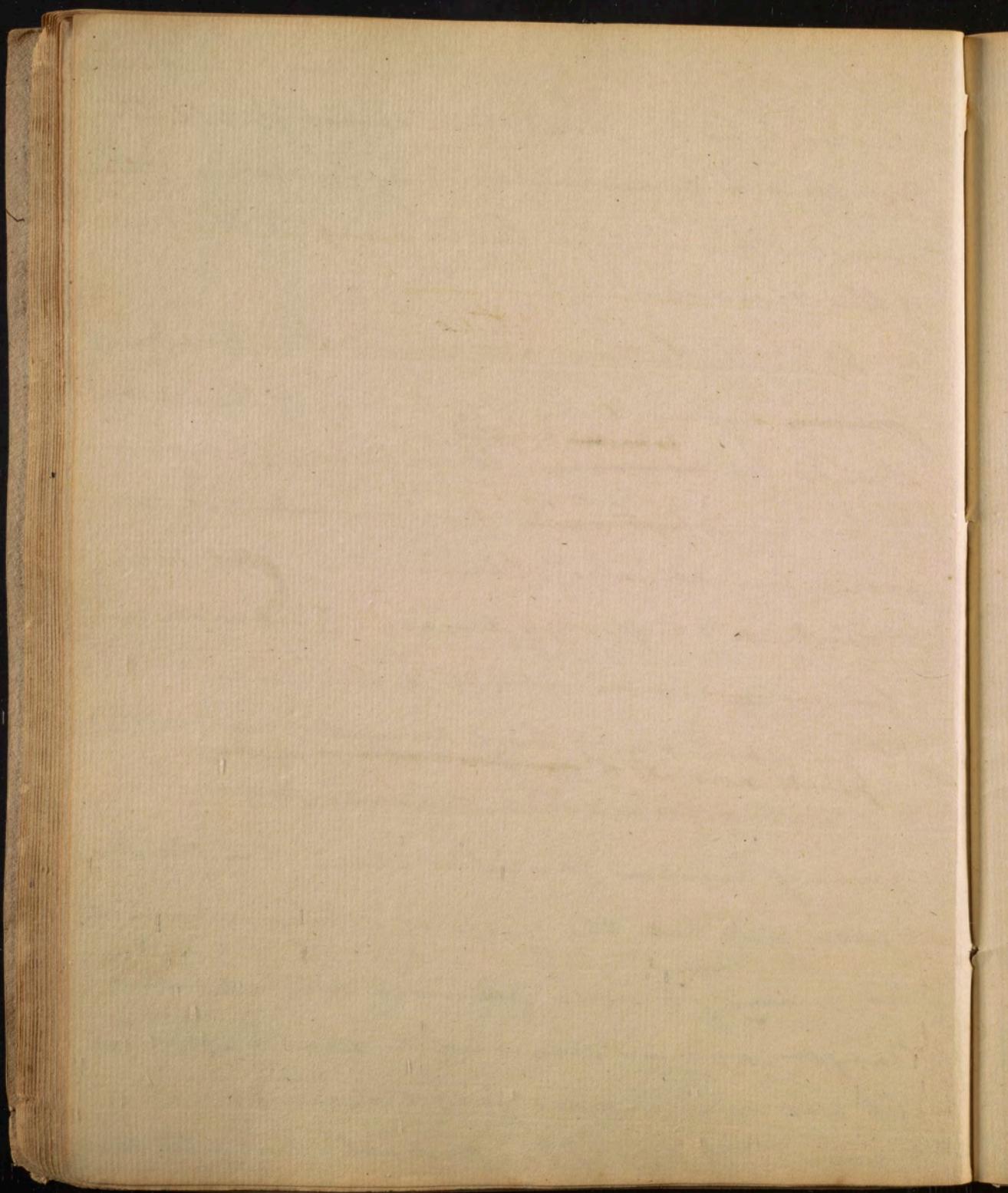
1. It will lead us to be cautious in declaring any disease to be the external measles in which there is <sup>a general</sup> ~~eruption~~. From my ignorance of this - I have been led to commit several mistakes that I think were dishonorable to the profession. ~~I was~~ <sup>I was</sup> prevalent of the measles in ~~long~~ <sup>the last</sup> ~~spring~~ <sup>fall</sup> to visit the above named season a child with an eruption on the skin. - I called it the measles. The mother told me it was impossible, for that I had in 1783 attended her for the same disease. - [Similar mistakes were committed by ~~other~~ physicians or parents of Chd: in this city]. I suspect the anonymous Author before mentioned, has fallen into the same error. He ~~says~~ in add to the Am<sup>er</sup> before quoted the following words. "Others who had undergone the measles formerly, had at this time



" a fever of the exsudative kind with ex-  
 " -sions like to warts cause, & all the  
 " previous & concomitant symptoms of the  
 " measles from the beginning to the end  
 " of the disease. —

2 If Inoculation or any other mode of  
~~process~~ lessening the violence of the disease  
 should be ~~discontinued~~ adopted, it will be of consequence  
 to know ~~whether~~ <sup>what</sup> persons ~~are~~ are secure  
 from the attack of ~~it~~ it. It is cer-  
 -tainly a dangerous disease. Dr Norton in-  
 forms ~~us~~ that 300 a week died in  
 it in London <sup>th</sup> short amount of my method  
 I shall now add to your ~~instructions~~ ~~explanations~~  
 of treating this Method of Cure disorder.

many hundred families came thro' the dis-  
 -ease without the help of a physician. But  
 in many <sup>cases</sup> it was attended with peculiar  
 danger, and in some with death. I think  
 it was much more fatal than in the  
 years 1773 and 1783 - probably owing to the



the variable weather in the winter & the cold-  
-ups & dampness of the succeeding Spring. Dr  
Huxham says he once saw the measles attend

with peculiar mortality, ~~under similar~~ during a late cold  
& damp Spring in England. It was much more  
~~fatal to children of the weaker~~ <sup>adults</sup> than young people.

The Remedies I used were

1 Bleeding: in all cases where great pain &  
cough w: hard pulse attended. In some I found  
it necessary to repeat <sup>this remedy</sup>. But I met w many  
cases in which it was forbidden by the  
weakness of the pulse, and other marks of  
~~asthma in disthesis~~ great debility.

2 Vomits. These, were very useful in  
removing a mucus. They likewise favor-  
-ed the eruption of the measles.

3 Demulcent & diluting drinks - These were  
Barley water - Bran & flaxseed tea - Dried  
Cherry- & ~~raw~~ <sup>ripe</sup> apple - & Sarsaparilla water  
- also Beveridge - & Cyder & water. The  
last drink I found to be <sup>the most</sup> agreeable to

formerly mentioned  
V In that case of measles which was  
accompanied with the symptoms of cyan-  
osis trachialis humoralis, I gave calomel  
with the happiest effects. —

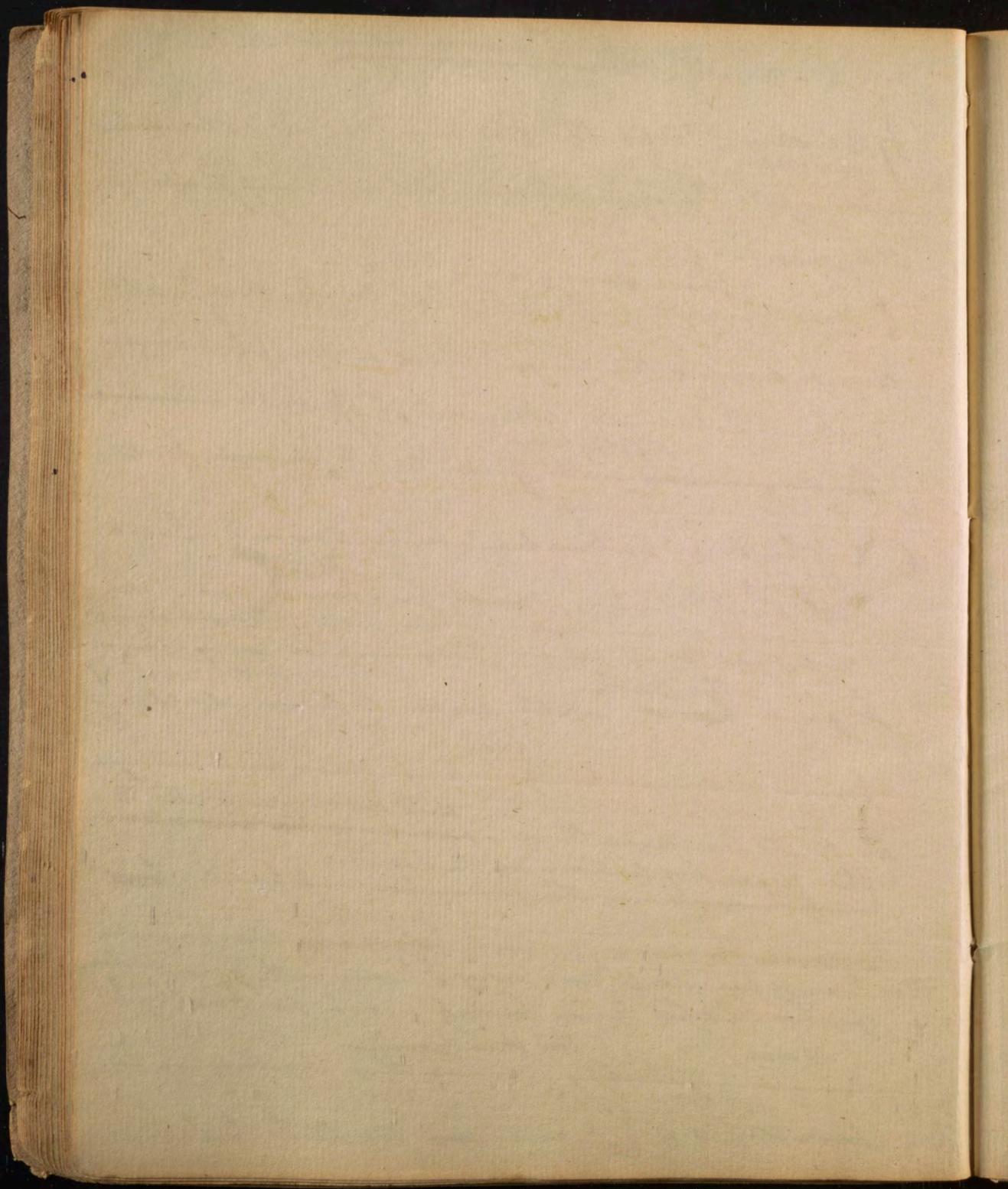
of any that <sup>had</sup> ~~had~~ <sup>213</sup> been mentioned. -  
my patients ~~& <sup>that</sup> ~~had~~ <sup>213</sup> been mentioned.~~

4. Blisters - to the neck - sides - & extremities,  
according to the symptoms, & in every stage of  
the disorder. -

These were given  
5. Opiates - not only at night - but in small  
doses during the day, where a troublesome  
cough, or Diarrhea attended. <sup>a Vintin</sup> I gave them during  
the day mixed with Gum arabic ~~the~~ ~~proto~~ ~~testac~~.

6. X Where a Catarrhal fever insued, I used  
" <sup>Bluding</sup> and Blisters - and for <sup>those</sup> cases in  
which this fever <sup>an intermittent or in</sup> terminated in typhus  
I gave <sup>the Bark</sup> Liquor: with evident advantage. V

In the Admision of <sup>fresh</sup> Air, I observed a medium  
as to its temperature - <sup>and accommodated it</sup> to  
the degrees of action in the system.  
I heard from <sup>in</sup> different places in the Country  
in Pennsylvania & New Jersey I heard with great plea-  
sure in this disorder  
as successfully, as in the inflammatory  
small pox. I am ~~as~~ forced to believe



it, & I think it may be reconciled with principles & practice formerly delivered. For pneumonia I said was produced by debility, & this debility is shown itself first & principally in the lungs. But <sup>no</sup> much debility precedes the measles. <sup>The contagion</sup> Like poisons ~~they~~ & wounds ~~they~~ attacks the body in perfect health. Perhaps the lungs <sup>in consequence of this.</sup> ~~in other disease~~ may bear the native action of the cold, & even be benefitted by it. But if it should be safe, or useful, it can only be in vigorous habits where the stimulus produces <sup>known</sup> excess of action. ~~It is I have seen it~~ do harm in debilitated habits where the contagion soon produces <sup>indirect</sup> debility of action from indirect debility. Such habits have most of the inhabitants of cities, & therefore I conceive

✓ One thing in favor of this country  
practic deserves to be mentioned, & <sup>that is,</sup>  
unden't advantage arose in all <sup>the</sup> cases  
which I attended  
from patients ~~setting~~ leaving their beds  
in the febrile state of this disease. But  
this <sup>was</sup> practised only by those <sup>in</sup> whom in-  
flammation ~~dis~~ ~~thasis~~ prevailed, for those  
alone had strength <sup>in</sup> to bear it.

it may have been highly popular in the Country & yet very unpopular in a the city of Philad<sup>a</sup> - when I speak of the Country I mean Penns<sup>a</sup> & New Jersey, for I suspect our Southern brethren in point of excitement & excitab<sup>y</sup> are a good ~~deal~~ <sup>most</sup> related to the ~~far~~ inhabi-  
-tants of large cities. The same people who were so much benefited by cool <sup>I was informed</sup> ~~air~~ Dranks plentifully of cold water <sup>During every stage of the</sup> ~~in~~ disorder. ✓

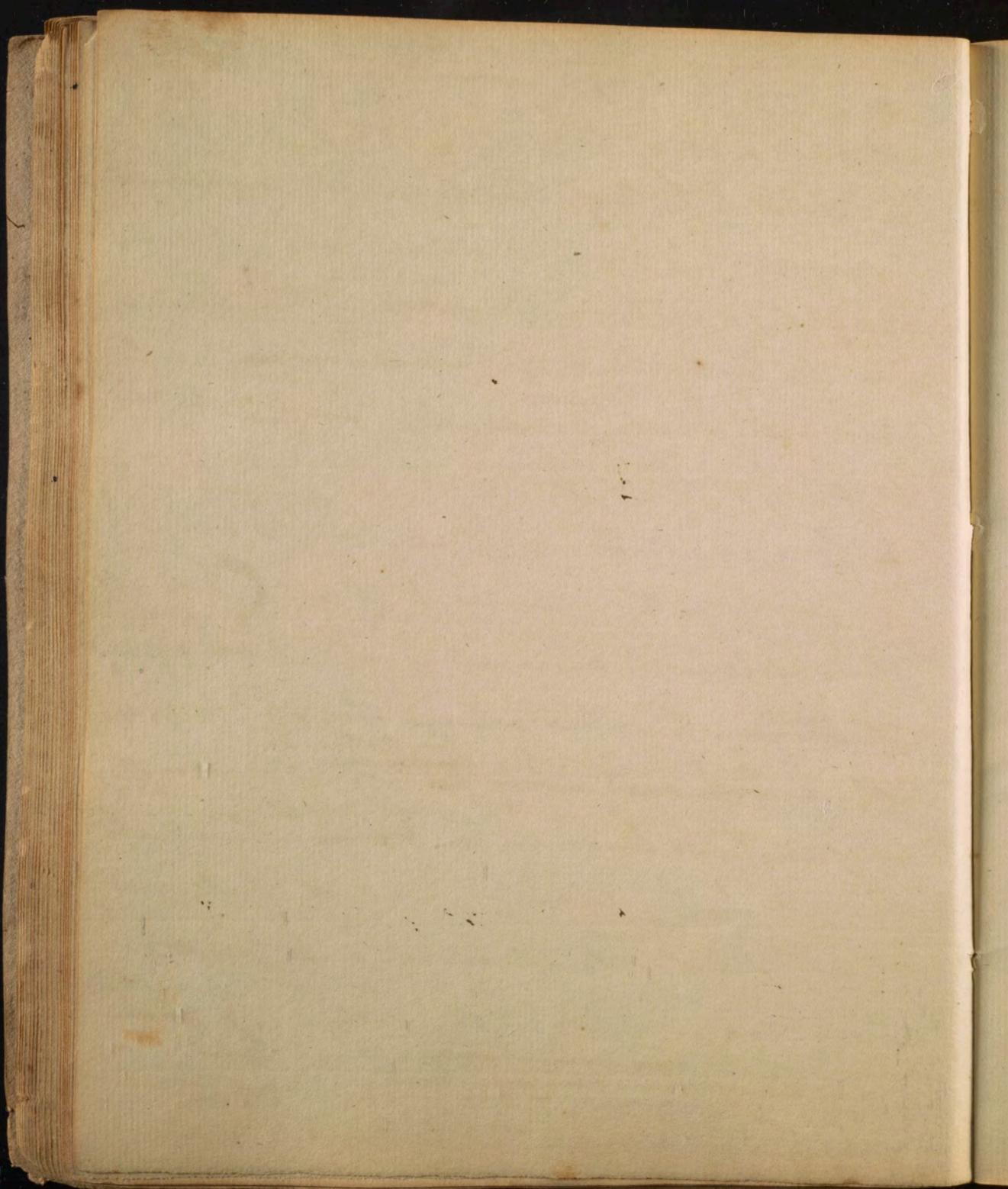
The convalescent state of this disease required particular attention.

A Diarrhoea often continued to be troublesome after other symptoms had abated. I relieved it by opiates - and demulcent Drinck. ~~Ref:~~ <sup>Bluding</sup> has been recommended for it, but I did not find it necessary in a single case.

2 <sup>v</sup> Cestrum yildiz to astringent collinsia,  
4 blisters . —

3 when a cough - ~~fever~~ in the sides  
 right as not to require ~~it~~ <sup>Bleeding</sup> I advised  
 a milk & vegetable diet - moderate  
 warmth - & country air - for whatever  
 might have been the <sup>relation</sup> state of the lungs  
 in the beginning of the disease ~~as~~ to cold  
 air - they were <sup>now</sup> evidently too ~~weak~~ debilitated  
 to bear it. - \*

4 It is common for patients to ask for  
 purges after the measles, & if not given, all  
 the subsequent diseases of y<sup>r</sup> lives are ascribed  
 to them. For this reason they shd: be spe-  
 cified <sup>or denied</sup> In ~~the~~ <sup>the</sup> ~~pathologie~~ measles they  
 certainly do harm - In ~~others~~ <sup>all cases</sup> - the effects  
 may be better alleviated by diet, full, or  
 low - suitable cloathing & gentle  
 exercise, or country air. I <sup>omitted</sup> gave  
~~them~~ <sup>in my own family</sup> several cases,  
~~my children~~ <sup>now</sup> ~~none~~, & no eruption or  
 disease of any kind followed the disease  
 of them.



[It may serve to keep up our ideas of the analogy of the small pox & measles to add a fact which I witnessed in 1773. - I saw a ~~child~~ <sup>child</sup> ~~miscarriage~~ in a late month of pregnancy, in which the ~~child~~ measles covered every part of the body. - the mother was in the height of the disease at the time of her miscarriage.]

Is there any advantage from inoculating for the measles? - I have been deterred from it by hearing of the sore arm produced by the virulence of the morbillous matter, but I have lately heard that it has been practised with success in England. I shall only ~~recommend~~ add to this account of the measles that in several families to which I am evident advantages in preparing the body, <sup>for the question of the virulence</sup> by a vegetable diet.

Can the measles & small pox be seen at the same time in the body? Yes. I saw many (of whom) died with them - I saw y<sup>m</sup> in the buttering house. Here being in the <sup>chicken pox</sup>

I beg Gent: you will treasure up  
in your memories the facts I have  
delivered upon this subject. They will  
enable you <sup>not only</sup> to understand my practical  
remarks upon Clinical Cases in  
the hospital, but they will guide you  
be the most & safest guide to you in  
your own practice here after. Hundreds  
of my pupils have acknowledged the benefit  
they have derived from them. A recent  
~~and~~ communication of this kind  
I shall beg leave to read to you from  
~~the~~ <sup>the</sup> ~~latter~~ <sup>former</sup> of Marathia.



~~From a history of it~~

+ this disease Dr Mosely "occurred morn-  
-ing to all most every family in Kingston  
in the Spring of 1780. It proved fatal to al-  
-most every child <sup>that</sup> was seized with it. It  
sometimes was not discovered by the  
parents or nurses till a few hours  
before death. It was frequently conob-  
-served untill the whole throat - jaws,  
& palate were entirely rotten. - Some  
lost their maula, & part of y<sup>r</sup> palate, &  
some had their speech considerably affected  
by it!" p: 232.

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*Virginia malacophila* ~~lutea~~ <sup>lutea</sup> *Stephades* - of  
this species *malacophila* ~~lutea~~, or *V*  
*malacophila* ~~lutea~~ *Stephades*.

~~a contagious~~ <sup>or</sup> typical, from Contagion with  
"a contagious fever, - affecting unaccompanied  
& quick pulse -  
with an eruption on the skin, and ~~the~~ redness -

trunks - Ullas - & Sloughs on the tonsils

8 annular membrane of the funnels. These  
are generally in Diaphanous - Delicate & transparent,  
with a slight color.

These are either of a white or pale color &  
~~aff~~ <sup>aff</sup> history of it - see Holmgill

for a minute history of it - see Frostyhill  
These are two species of ~~the~~ <sup>2</sup> ~~the~~ <sup>2</sup> ~~the~~ Disease. -  
21st & 22nd of May 1850

& Ulstermen or Johnstone. I have once seen

Designated gender  
in female terms are

it - its characteristic symptoms are delirium

"conception on the skin with ~~class~~ the  
ability at night - est

especially at night -  
as above accompanied with delusions -

inflamed & watery eyes -  
fever - sweat - faintness - Diarrhoea -

flat-tentacled tritell - faintings - - - - -  
flat-tentacled tritell

a flat & rather <sup>toxic</sup>  
& generally a fetid breath" — It is further

known by attaching chiefly in the autumn from *Bombyx*, *silkworm*

18<sup>th</sup> to Decem<sup>r</sup> - children & women more

"Our assumption on the basis, with trans-

than adults - or even -  
~~or humanly attractive~~ and children it

is said of black eyes more & others. +

Called in the Levant according to four  
referto the

v distinguished from angina inflam<sup>9</sup>.

1 By the pulse 2 season - the angina inflam<sup>9</sup> in Spring - 3 great pain in the head - prostration of strength - eruptions - & ulcerations on throat.

Is generally preceded by moist - wet - or  
heavy weather - rather warm.

v some cases - slow recovery, or death  
after ten weeks - In some case [Dr Robt.  
Nails & hair fell off, - & deafness cont<sup>d</sup>  
a great while. - It is sometimes com-  
plicated with Cynanche trachialis as in Dr  
Bard's acc<sup>d</sup> of it & Dr Shury; p: 160 Vol: 2.

"Child's plague". Folbunyill adds 4 more  
 boys recovered than girls. - I think it was  
 most confined to families in high life. It began in  
 Eng in <sup>1665</sup> The disease appears to be originally  
 Petramin - hence its name. - V  
 an affection of the Skin. all cutaneous  
 diseases seems <sup>to</sup> fever tend to the throat  
 & lungs. we have seen it in smallpox  
 & measles - & even in inflam: fevers of the  
 whole System. They are all external fev-  
 -ers. The more malignant, the greater  
 the tendency to the tonsils - jaws & tra-  
 -chea. - It appears in the plague & in the first  
 fever, - especially when in the tonsils. <sup>no</sup>  
 critical day - generally ends on 3-4-5-6-67<sup>th</sup>. In  
 Method of Clerl. -

I Emmetts - Towne reports says the principal  
 dependence on them was the levant. Dr Red-  
 man gave Emmett's Unmial - & w: <sup>the</sup>  
 great success. He never lost after a pa-  
 -tient after he used it. Perhaps all the  
 advantages of the & may be derived from

But how shall we reconcile Somnies <sup>in</sup>  
are indirect Stimulus or Inducers with  
the ability <sup>in</sup> <sup>turn over</sup> occurs in this disease? <sup>the</sup>  
the same manner as we did the action  
of relative heat commonly called  
Cold in producing inflam<sup>n</sup>: - Inducers  
like heat a relative ~~to~~ <sup>in absolute</sup> Stimulus.

In the absence of excitement, <sup>th</sup> excitab:  
increas<sup>d</sup> the same Stimulus which in  
great excitement, ~~that~~ will be sedative,  
in the other case will be a direct stim-  
ulus. E.g. Let us suppose the stimulus  
of a burn to be 10. The excitement of the  
system to be 25 & its highest possible ~~dyn~~  
at 30. In this case - it will soon raise  
the excitement to indirect ability <sup>in</sup> we  
will suppose to be beyond 30 - But let  
us suppose the excitement ~~to~~ of the system to

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Calomel joined w/ opium: V  
2nd Tonics ~~at~~ <sup>in</sup> Bark ~~Blister~~ - This shd. be  
given in the beginning of the disease.  
Sometimes painful <sup>in substance</sup> from the Ulcers  
in the throat - begin <sup>the</sup> Infusion & tinc-  
ture - but when possible - give it in  
substance - (b) Wine - especially Port  
in large quantities. (c) Sassafras  
& cordial aliment - Chicken broth - on  
the recovery an appetite for it, & even  
for animal food - <sup>in ch</sup> they shd be indulged  
according to Dr. Hollingsill. (e) Opium at night.  
The delirium from great debility. -

3 Blisters - Swellings always relieve -  
Blisters ~~do~~ promote effusion - which  
answers for swellings. shd be applied to the  
trunk & throat. - most useful after they appear.

4 Topical applications to the throat -  
Arid & sooty stimulating - & demulcent  
Gargles - the matter of the Ulcers - &c

be reduced to 15-~~20~~ In this case the  
Stimulus of the pulse being only 10 - it  
can raise the excitement only to 25 <sup>hr.</sup>  
is 5 degrees below the highest point viz 30  
at <sup>hr.</sup> ~~w.~~ <sup>we</sup> indirectly debility begins -

I grant that ~~that~~ <sup>that</sup> ~~regions~~ <sup>kind</sup> of Remedies are debilitating,  
they remove a stimulus more so - viz: and  
Bite in the Stomach. — Or they may act  
as cold does in hot weather which produces  
indirect debility by abstracting a portion of  
direct Stimulus. —

Moughs to avoid as to excoriate every thing  
that touch - even well pousses - Boil  
water with honey - Aricgar & myrrh -  
cayenne may be added to them -  
where Gargles impracticable - Spraying  
proper - ~~salve~~ in after of the Gargles.

- also ~~from~~ vapor re? this ~~is~~ a funnel.  
Aricgar & myrrh excellent! - Saw them  
used with effect. -

5 Avoiding all causes of ~~less~~ irritation &  
increased stimulus from Contagion. For this  
purpose - linen shd be changed - The patient  
shd. lie constantly <sup>without contagion</sup> in bed - & the birth  
be rendered - or converted by Corn. Salt  
& Dr. Johnstone. -

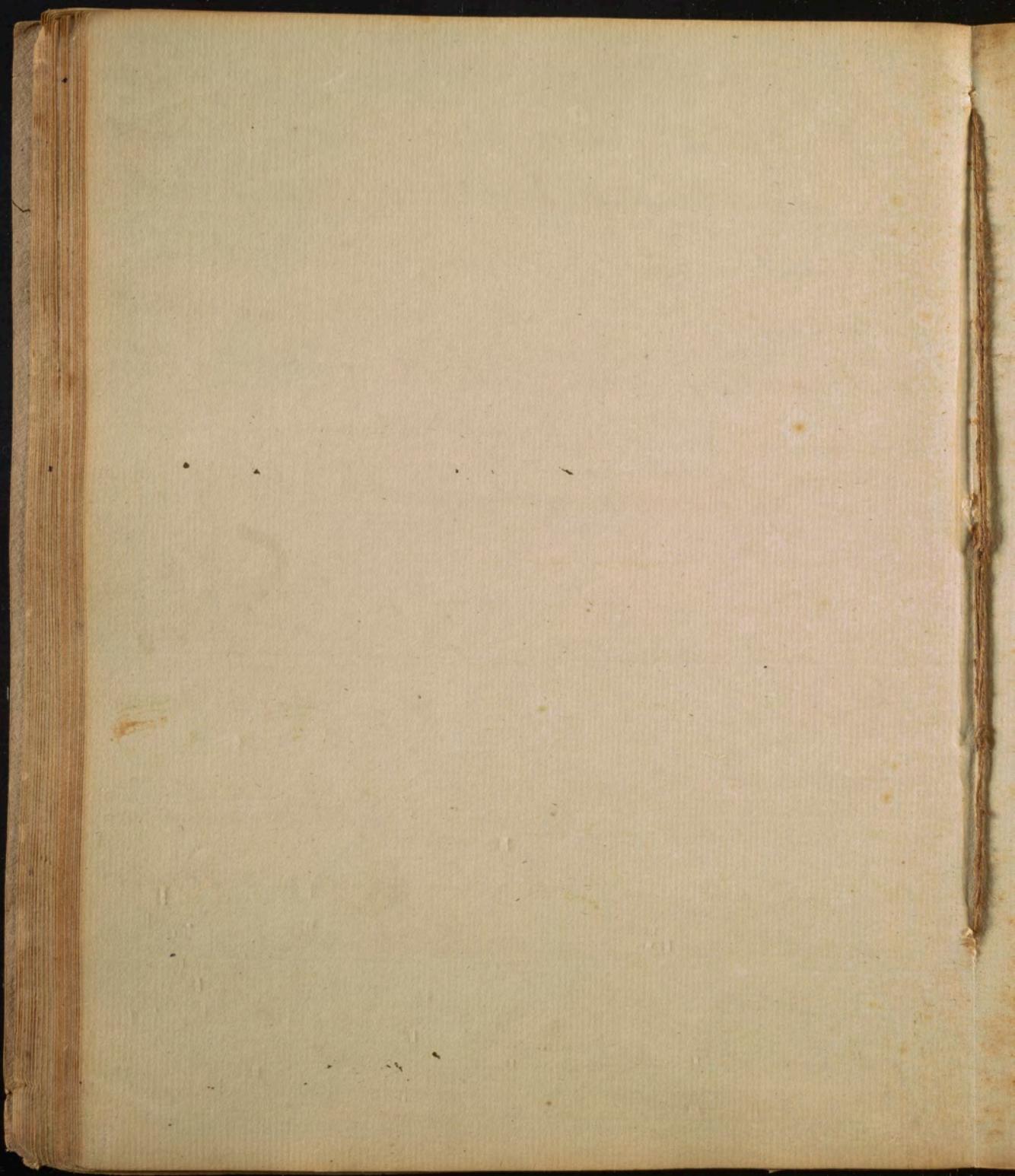
6 Restraining Diarrhea. It checks wreats  
& repels eruptions - opium proper for  
this purpose - highly stimulating. It  
overwhelems gentle laxatives - I recat Shd never  
be forced. Is Bleeding proper? no - Unless  
complicated w: inf? <sup>th</sup> Confina -

V In the West Indies Cayenne pepper 3*ij*  
salt 3*ij* Vinegar 1*lb* - Cork 1*lb*.  
have been used with success. I shd not  
be afraid to use it - if Calomel failed.  
It is an universal stimulus. -

Is Calomel proper? yes - used first by Dr. Ogden - acts first on the throat by deterring it - & <sup>2<sup>nd</sup></sup> as a general Stimulus ~~esp~~ particularly to the Arterial system - its debilitating effects do not come on till the crisis of the disease is over. Should always be rest'd by Opium if Dr. Ogden used Therina. V In slow convalescence - with diet & country air. -

From the bolder practice & better know-  
ledge in malig' fevers than formerly -  
should this disease recur, it w<sup>ll</sup> probably be  
attended <sup>to</sup> w<sup>th</sup> less mortality.

I have only to add of Dr. Thaxter  
observed all the epidemics which appeared  
with this disease to be tinged w<sup>th</sup> its  
symptoms - even by small pustules  
to be in the throat. - He observes further  
of inflam' symptoms ~~seen~~ in certain  
seasons sometimes blended themselves with



the lymphatic maligna in the beginning, but they were so trifling, or of such short duration as seldom to affect the treatment of the disease. -

### Scarlatina

Many Controversies - whether distinct from the last. I think it is & <sup>if</sup> it depends on a diff<sup>r</sup> Specific Contagion, I define it. " ~~affection~~ fever partaking moderate-  
ly of inflam<sup>r</sup> diathesis - <sup>the</sup> scarlet efflorescence  
in spots appearing on the 3<sup>rd</sup> <sup>4<sup>th</sup></sup> or fifth day,  
& finally ~~cools~~ uniting into a re fluided  
shining redness of the whole skin - appearing  
& disappearing occasionally during the course  
of the disease - often with Ulcers & inflam<sup>r</sup>  
in the throat & transva - or vomiting - slight  
tremor of face - neck - breast & extremities -  
terminating in 3 or 4 days in purulent <sup>suppura</sup> scabs,  
or peeling of the skin - or in suppicial ~~swelling~~  
effusions, or swellings - or abscesses" "

It differs from the <sup>arypnia</sup> Lympha Typhodes,  
for not being always attended with

V ~~o~~ most in my weather - both hot & cold.  
Winters all disagree in its seasons - I have  
seen it nearly alike severe in all weathers.

It infects before it appears - no con-  
sequence to send Children out of a house,  
for days lie there sickening & infecting.  
Reunited after being reu<sup>?</sup> by surges of Rhin-  
=earke. Dr Sims.

an affection of the throat & Jr or the emphysema  
being of a deeper red, resembling the back  
of a lobster - smooth - or if purplish - the  
purple are paler than the interstices,  
43 a dry - hot skin - Jr the <sup>maligna</sup> ~~ext~~ - the  
skin & purple of the same color &  
the skin generally moist especially  
in the morning; <sup>4 skin often puls obt.</sup> - 5 Lip danger, and  
mortality. 6 consequent swellings. <sup>rid</sup> to  
prevails most in summer - both in all seasons.

The species are

- 1 The scarlitina with  
the phlegistic, or mixed diathesis,  
gas and
- 2 The scarlitina asthenica or maligna.

The 1<sup>st</sup> is a ~~few~~ <sup>a</sup> of the mild typhoid  
fever with, or without <sup>under</sup> ~~of course~~ swellings  
& ulcers in the throat "

The 2<sup>nd</sup> is a fever of the malignant  
typ? kind, with or without swellings  
ulcers - sloughs &c in the throat "



1 of the first. I have seen the first  
vis Semitina in 1763 or 4 - as described  
by Hyderham - not a symptom of  
vaginal affection accompanied it -  
but vomiting, I recollect ~~was~~ <sup>was</sup> not I  
saw it - The most remarkable fact of it  
mentioned by Dr. Hyderham. The  
recollect concerning it is the thin pubic  
effa. Miss Wilson or Calmault. It yielded  
to gentle purges - cooling salts - & blisters.  
It was never attended with mortality.  
This species appears much oftener <sup>th</sup> w:  
affections of the throat. I have seen it  
in 1772 or 3 - and 1783 - and almost every  
year since. It was fatal in 1773 - owing  
to its being mistaken for the  
lymphatic malitia. <sup>nausea, or vomiting most char-</sup> -  
acteristic symptom of it.  
in America - to be pref: to European  
as it shuns the influence of American  
climate on it. See <sup>the</sup> Dr. <sup>has</sup> ~~been~~ <sup>been</sup> confounded <sup>th</sup> angina &

3 Blisters - tho' disapproved off by Dr. Wethering  
useful especially <sup>behind</sup> to the ears. -

4 Gangles - fumigations - & injections by  
lyringes. - Salomel added <sup>to</sup> advantage. -

5 Starvations - I have used Snuff - with  
advantage - on the 5<sup>th</sup> day - on w: it  
generally terminates James Hinch's  
case. 6 Mild Diaphoretics - as Contrary - Comp:  
recommended by Dr. W - never used them.

7 Trisegment swellings - to be cured by  
with cal. & tonics.

Purges & never occurred to Dr. Weth<sup>9</sup>. Perhaps  
owing to giving from 3 to 3<sup>1/2</sup> of Vig: alt: every 24 hours.

8 Sometimes appears, in the form of Swelled  
eyes - <sup>or</sup> lips. As in 1787 & 1788. -

Is Bark proper<sup>9</sup>? no - never in this  
disease. Disapproved of by Cullen & Weth<sup>9</sup>.  
By the last even in patches.

Is Opium proper<sup>9</sup>? - Dr. Weth<sup>9</sup> says  
no - have used it with advantage.

but the fever is the <sup>to Syp<sup>9</sup></sup> of Cullen  
little inbland<sup>9</sup> diathesis. - an Itching is

## Its remedies

1 Bromitis - In 1773 I gave them - however but a patient. Opium & & to be given to all others. when given before the patient is conf<sup>d</sup> ~~or on the~~ beginning on the first day a certain cure, as all my apprentices can witness. - They shd be repeated if necessary. I once gave a lady w<sup>t</sup> 3 in the course of the disease who had laid in only 3 days. - Dr Wethering commands them highly.

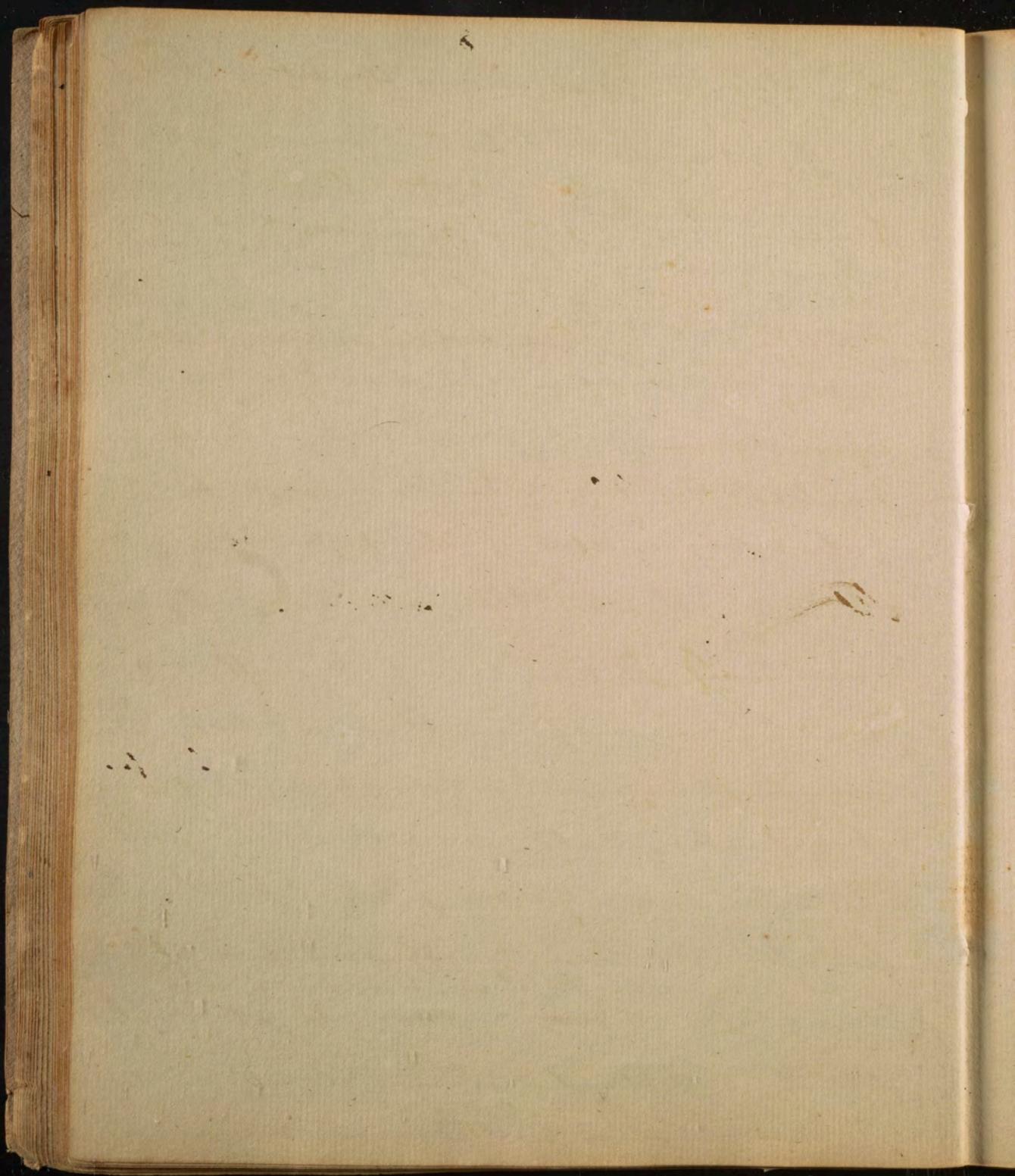
2 Calomel - in small doses restrained by Opium. How does it act? It cleanses the throat in piping into the stomach, & property gives gentle & equal excretion to the whole arterial system. ~~so~~ 3 may it not destroy veins in lungs. - Treatment shd be rubbed in. I have done it taught by Dr Gilton. - V

of the Skin  
a favorable sign, especially on the 5<sup>th</sup> day. —

It is said to be taken only once by  
Dr Wethering. I have seen it taken twice  
in Mrs Potts's family - heard of it also in Dr  
Loring's.

11<sup>2</sup><sup>nd</sup> The Species - Scarlatina maligna -

Two varieties like the former - with & without affections of the throat. Dr. W. Sherring describes the <sup>former</sup> ~~former~~. I have never seen it. The latter - I have seen only a few instances. - Its remedies are the same as Angina maligna. - This species has led to the idea of the Scarletina being only a milder degree of maligna. After full inquiry, I think otherwise. The maligna-Scarlatina - & even measles & smallpox in some instances assume the symptoms & require the same treatment as Angina trachialis. Shall we on this acc<sup>t</sup>: call them the same disease? But further the smallpox when confluent has all the symptoms of <sup>typhos</sup> ~~typhus~~ from fever who say they depend on the same Contagion. - I have seen the tetanus occur in

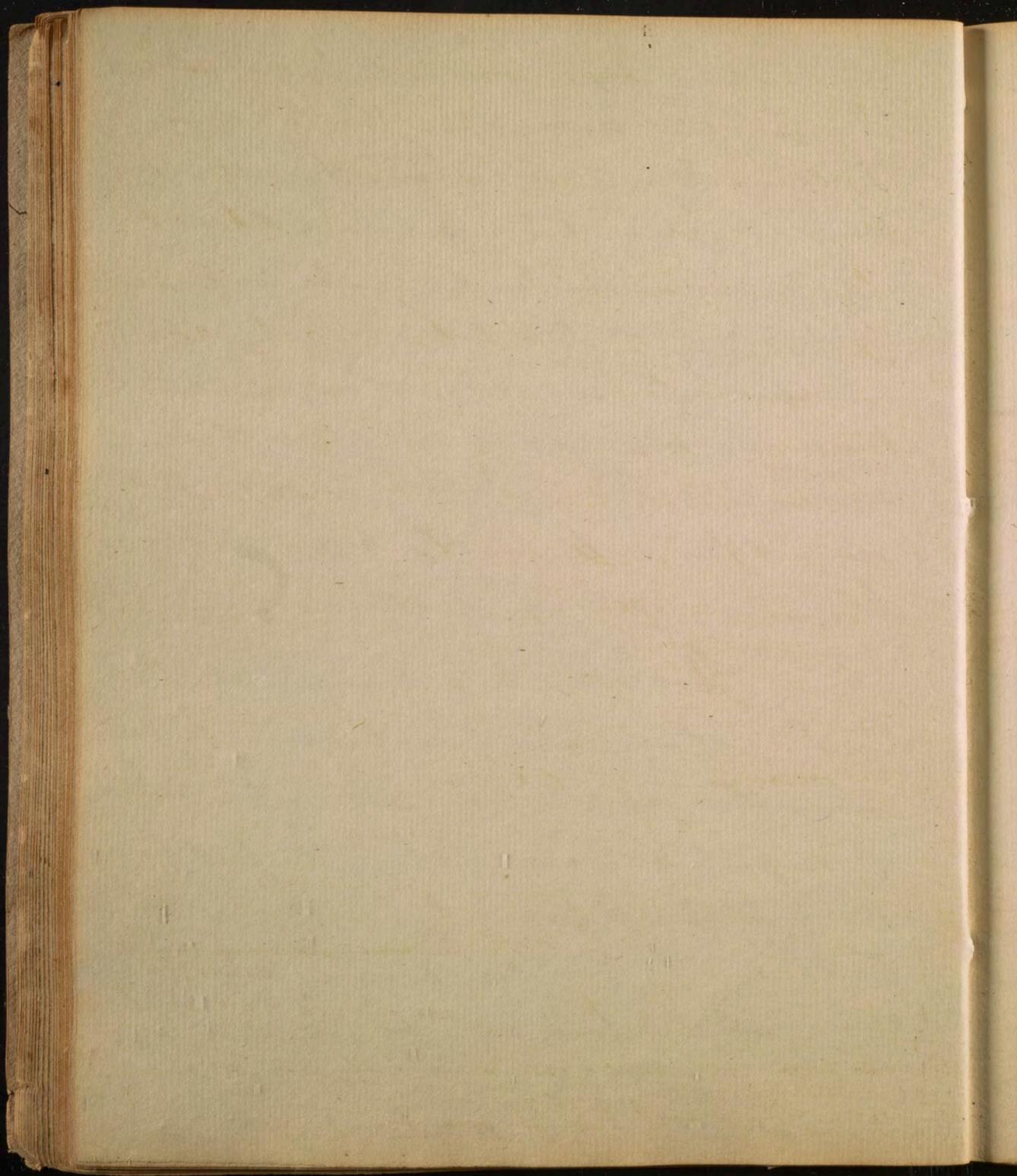


the hysteria, & in a remitting fever, & yet I never thought of making the terms - hysteria - & remitting <sup>fever</sup> Varieties of one species, or species of one genus of disease.

If we admit the scurilitina & aspera maligna to be one disease, only differing in degree, <sup>I do not see</sup> why we shd. not agree with Dr Brown in making only two classes of diseases, viz: <sup>20</sup> Hysteria & asthenia for all diseases differ only in the degree of their hysteria or asthenia diathesis. —

[<sup>20</sup> Are these two diseases taken at a time? I have taken great pains to determine this of question, but without effect.

I suspect they are not - The fact from the med. Essays formerly mentioned Vol. 3 leads me to this conclusion. p: opposite 209. - If this fact can be established, I think a probable reason why the small pox & measles & all <sup>other</sup> <sup>primary</sup> diseases



on the skin ~~can be taken~~ but once in our lives. They act primarily on the nervous system. This, the fever & the regular course of these diseases indicate. Perhaps by their possible impression on the nervous system, they leave it even after <sup>the</sup> insensible to stimuli of a like nature. -- we have many analogies of this insensibility from habit in the application of stimuli to all the senses - the nose & indeed to all the senses. -- The first returns of these, <sup>two of</sup> <sup>diseases</sup> in nose muscles & smallpox show a feble insensibility, but not enough to produce induction, or produce fever in the whole system. -- Take extract here the plague - influenza - yellow fever & scarce taken twice - but they ~~are~~ <sup>afflict the extra-</sup> mitis of the nerves partially, & only terminate in eruptions only in consequence of a primarily <sup>typhus</sup> ~~inflammation~~ fever. The Yaws

Before I dismiss the two diseases of which I have last treated, I shall hazard a conjecture concerning them & all the other contagions fevers of which we have treated. - I may not the ~~measles~~ <sup>Measles</sup> smallpox & chickenpox ~~scarlet~~ <sup>scarlet</sup> fever, have been originally one disease & from one contagion, <sup>but diversified</sup> ~~but diversified~~ <sup>time</sup> ~~time~~ <sup>century</sup> ~~century~~ <sup>food</sup> - the by difference of ~~age~~ <sup>age</sup> - climate & state of society. - may not the same be said <sup>by</sup> of the measles - smallpox & chickenpox? & <sup>3<sup>rd</sup></sup> may not the same opinion be extended to the plague, - yellow fever, - and jail fever? - Each of these three classes of fevers & have somethings peculiar to themselves. - We shall only examine the last. How similar is the plague in many of its symptoms to the jail or hospital fever. The former seems to differ from the latter only in degree. - They often affect in the same manner. They both terminate in glandular swellings in the groin & throat. They have & in some instances

are an eruptive disease of the whole  
system, & when cured can never be  
pigeons of the West Indies <sup>Dr Hunter says in his</sup>  
taken a second time. ~~✓~~

See how finish the general fibrile

# ~~Varicella, or Chickenpox.~~

<sup>Slight</sup>  
" or Fever of the inflammatory kind with  
pustules, ~~eruption~~ which fill with <sup>milky</sup> white  
humor ~~it disappears~~ which end in scabs  
& fall off in a few days." ~~Goist~~

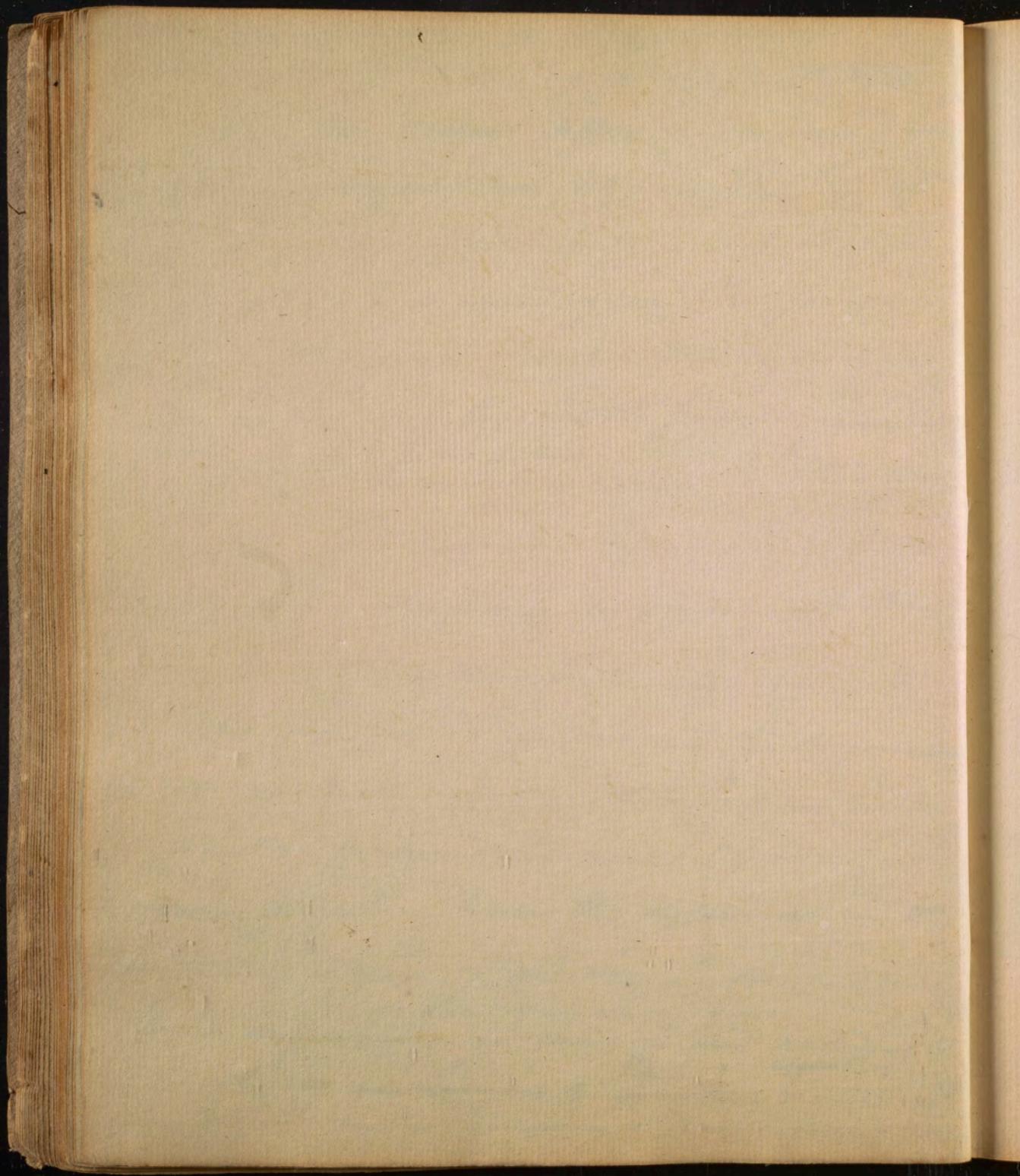
It is distinguished from smallpox  
by slight fever - speedy filling, and  
sudden disappearance. Seldom numerous.  
Dr Heberden - never saw but 200 pox.

Cure -  
a single purge. V

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the same duration, <sup>for</sup> they both affect the  
sensitual functions after a recovery in  
the same manner. 29: in the loss of  
memory. This, I formerly mentioned from  
Thucydides as occurring in the plague,  
do have often seen it after the worst de-  
grees of the last hospital fever. — <sup>There is</sup> ~~would~~  
One fact <sup>in giving some</sup> ~~in~~ color to this con-  
-jecture. The human Species are all de-  
-sended originally from a man of one  
color, & yet naturalists describe not  
less than six colors of men — the difference  
of whom not only in color, but in figure,  
& mental ~~power~~ & corporeal powers, is  
much greater than the difference in the  
the three classes of diseases before mentioned.  
— This difference is occasioned according to  
Dr Smith's <sup>in the human Species</sup> ~~in~~ ingenuous & original  
say wholly by the difference of time - climate -  
food - & State of society.





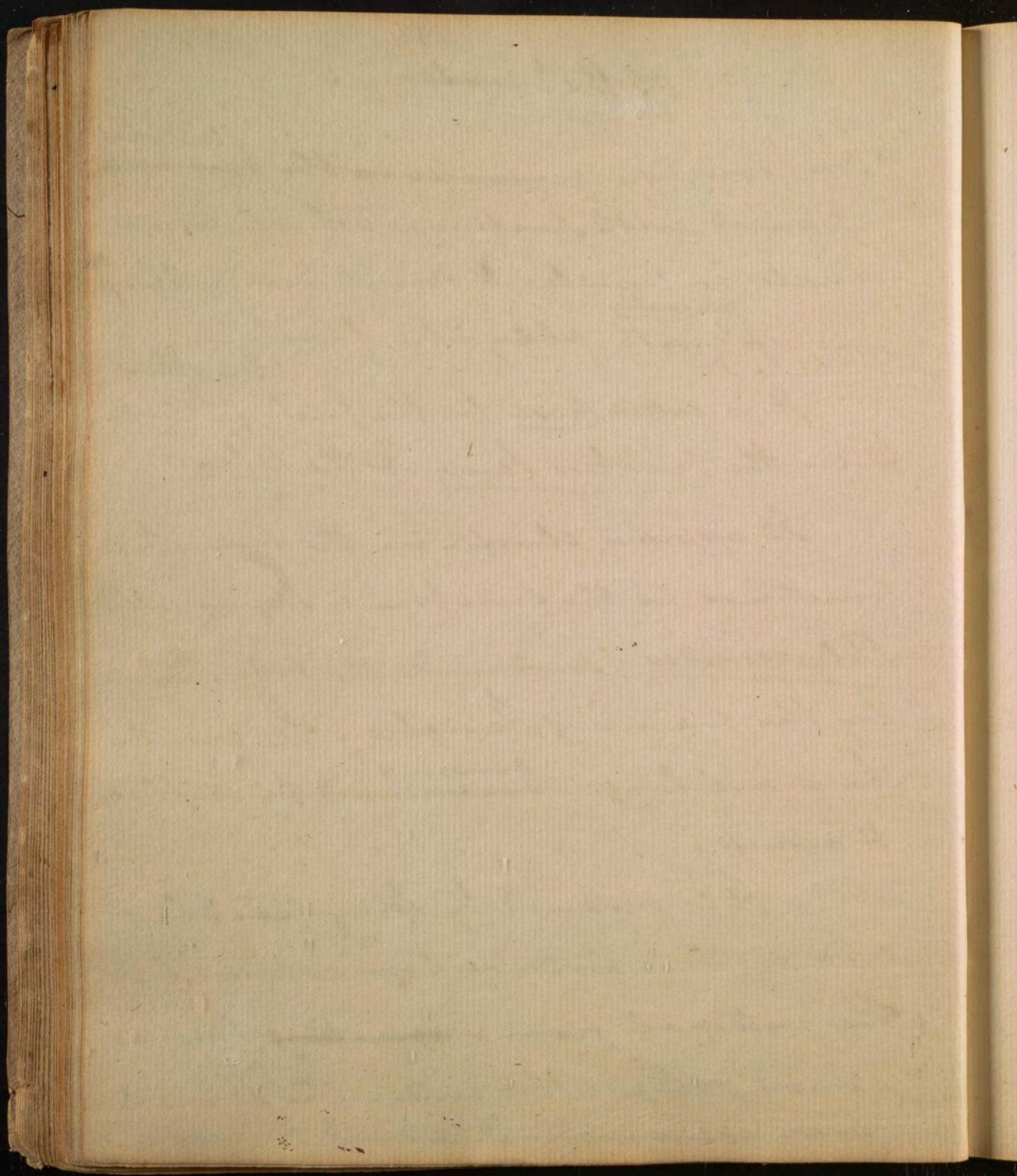
Of the Erysipelas

"An eruption generally in the face <sup>acrom.</sup>  
- preceded with swellings which terminate  
- in vesicles, & sometimes in abscesses,  
- generally accompt<sup>d</sup> with phlogistic fever".

It is called Rose by the Irish - Scalding  
fire - the Morbus Tauri - & the Blast. -  
by others

It appears chiefly in the face - but sometimes in the limbs - a species called  
Phlyctenaodes - surrounds the body. Known  
by the name of Ringlets. The vesicles  
here are large - ~~accomp'd~~ <sup>accomp'd</sup> by inflam<sup>r</sup>  
& redness.

It is produced by stimulus. These  
are either <sup>2d</sup> internal or external.  
The internal from stagnating humors  
effused & stagnating under the skin. You  
may remember I adduced one of the



causes of jail fever or fever from human contagion from this cause. The other from external causes - as cold - or heat in extremes - arid chemical stimuli - certain poisons - as the effluvia of the Barbadoes nut called Cashew Nut - Tritis of <sup>effluvia of certain Vines</sup> ~~Spices~~ numerous insects & the like.

For its history see Cullen.

I have once seen it fatal to a physician of this city Dr Bayard.

### Curse

As it generally <sup>infl</sup> ~~goes~~ the remedies are 1 Bleeding. 2 purging. 3 avoiding irritation from heat, cold ~~or proper~~ & stimulating applications of all kinds, especially such as are of an oily nature. Food only proper. cool air proper.

I have never seen the ~~British~~ disease by authors. Mrs. Rutter's case tended to it, and was treated accordingly - It very apt to return.

+ The prickly heat appears to be a species  
of miliaria, & produced by sweating in warm  
weather.

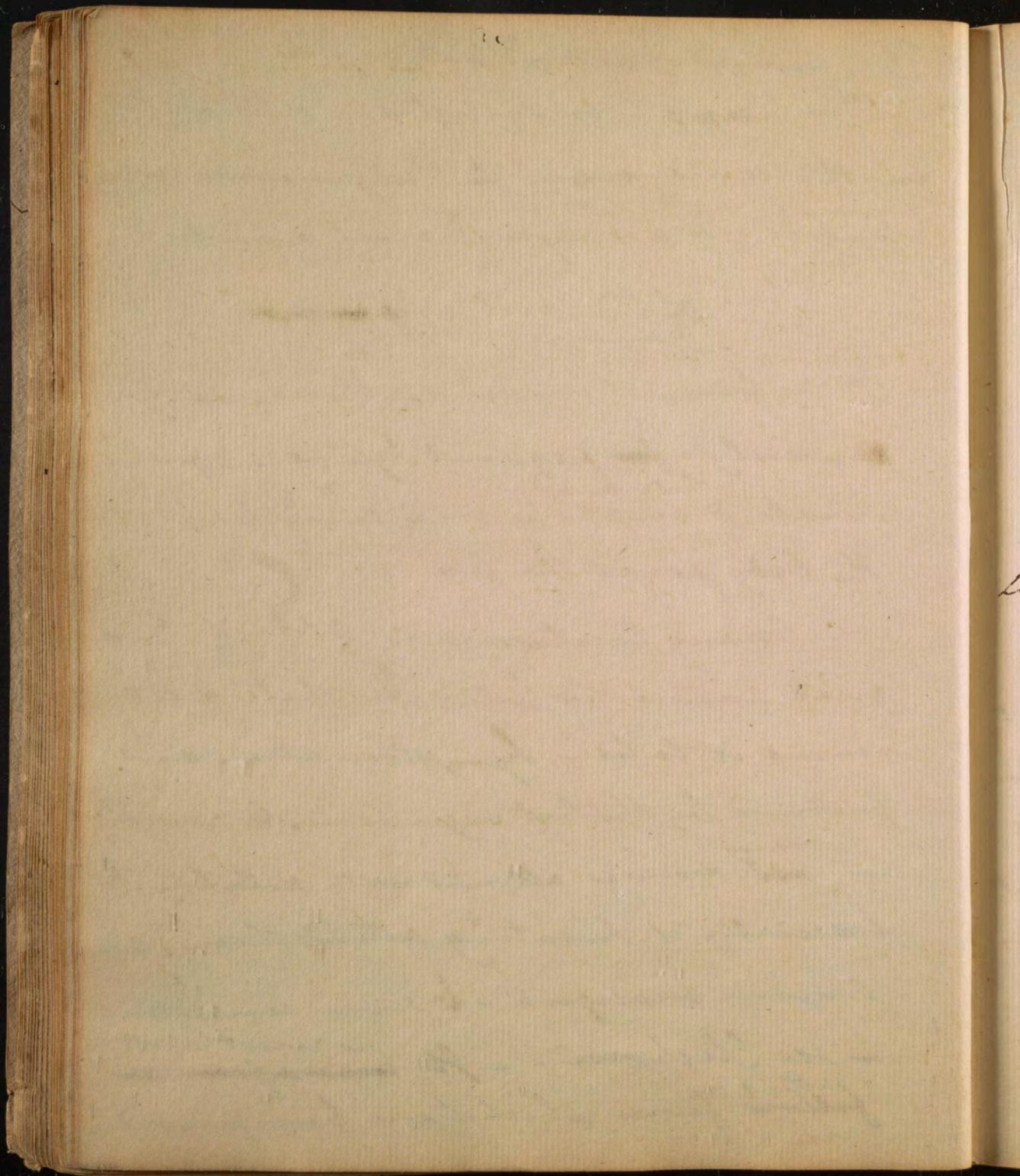
to be prevented by avoiding all its causes.

The Zera - or Shingles - to be treated in the same way. A vulgar error respecting it - of a vulgar & cruel remedy.

### Of the Malaria

" a fever of mixed diathesis, with anxiety - & frequent sighing - offensive sweats - & eruptions on <sup>white or red</sup> every part of the body, except the face."

Many controversies abz it. Two great authorities Cullen & White determine it to be - symptomatic, and produced by the hot regimen. It appears in <sup>many</sup> all diseases attended with debility, & especially if sweating attends them, as in angina maligna - & some remittents - see Coughorn. - It ~~is most apt to~~ attend fevers which have been produced by



a great waste of strength, & from wounds, haemorrhages, & above all - parturition, hence all authors - agree that it occurs most frequently in child bed fevers. -

It is remarkable that it ~~was~~ is less frequent since the cool regimen has been introduced into the treatment of fevers, & <sup>since</sup> ~~the~~ the practice of Midwifery has fallen into the hands of men. Out of above 1400 where Dr. Falme attended in a lying in hospital in London he ~~never~~ <sup>had</sup> ~~any~~ <sup>any</sup> case of it. ~~it is~~ <sup>is</sup> scarcely known in this city.

- I have met with only a few cases of it, & evidently from the hot regimen.

Its curse consists

1 In moderating or checked the sweats which appear to produce it. by 1 laying <sup>up</sup> the arms out of bed. 2 light bed cloths 3 cold drinks - 4 sleeping in flannel, or between blankets. Twice seen the last successful. -

2 If the disease apes as it often

v For it seems to be a law in the  
system of Stimulus in any one part  
under certain circumstances of heat  
- plethora - previous exercise will  
produce exaps of action in every part  
of the arterial system. —

over the symptoms of typhus, the remedy for typhus must be used. —

The Urticaria & Impetigo uncommon here. Refer you to Dr. Cullen's Acc<sup>o</sup> of them. Nothing new or different from him to examine & dictate. —

The hustis fever will come in after topical inflam<sup>n</sup>. —

Lect. <sup>17.</sup> Decr<sup>m</sup> 1789.

Hitherto we have considered such inflam<sup>n</sup> diseases as affect the whole system <sup>or parts of the body</sup> primarily, & particular organs in a secondary manner. We come now to treat of those inflammations <sup>wh.</sup> are the reverse of these - viz: such as affect the particular parts or organs primarily, & the whole system in a secondary manner. These inflam<sup>n</sup> are external, and

+ These inflam<sup>ns</sup>: all terminate in  
1 resolution<sup>or</sup> 2 suppuration, or 3 gang-  
rene, or Sphacelus. — what <sup>each</sup> ~~use~~ is.  
Says ~~he~~ The proximate cause of  
them is the same as general inflam-  
viz: cause of action. — Here I must  
introduce a distinction between acute  
we call slow inflam<sup>ns</sup>. — The <sup>1<sup>st</sup></sup> are  
known by pain & hard pulse. — The <sup>2<sup>nd</sup></sup>  
exist without pain — <sup>hard</sup> pulse, & <sup>with</sup>  
little fever. This has been established  
by many descriptions especially & in the  
Alimen<sup>ns</sup> canal. Inflamm<sup>ns</sup> — Suppura-  
tion — gangrene — often appear in them,  
& in other parts & even the brain when  
no one physician has indicated them.  
<sup>see</sup>

internal. - The external are  
 Phlegmiosis - & Ophthalmia - The internal  
 are Phrenitis - Hepatitis - Gestritis -  
 Intritis - Peritonitis - Nephritis - Cys-  
 -tis - and enteritis. <sup>integumenta, &c.</sup> we shall begin  
 with - the Phrenitis.

" a violent pyrexia - pain of the head,  
 redness of the eyes & face, intolerance of  
 pain & sound - watchfulness - delirium".

In inquiring into the remote causes  
 of this disease, we must relinquish the  
 action of the sensible qualities of the  
 air ~~as~~ upon the body. I have said of  
 the ~~Phrenitis was~~. It is seldom  
 an idiopathic disease, but more frequent-  
 ly an symptomatic disease. - ~~It~~  
 The causes of the ~~of~~ of the Idiopathic

Elephant - Single - Ulcer - - Brown  
also calls them as Herbie & asthe-  
- nic inflam<sup>ns</sup> - Michaelis - Slow - D  
Dullen - in some instance Chronic. They  
appear to answer to external inflam-  
mation, & typhus interior. - we have much  
to learn & unlearn on this subject. 1<sup>st</sup> there are  
many sorts of irritation in the body, producing  
typical inflam<sup>n</sup> - suppuration - & Gangrene, &  
yet no pain, or fever - or none proportioned to the  
cause. Perhaps hysteria often from this cause.  
2<sup>nd</sup> we sometimes see pain remote from the  
parts which are the seats of the irritation. E.g.:  
Bastri's fact of the kidneys - the stone producing  
pain in the glands penis. These facts shew how  
far our art is from perfection - But let us not  
despair. I dare say - these derivations are  
limited, & to be known - as much so - as the  
variations of the compass.



V I have run typhus end in it, or  
rather typhomania - a kind of  
mixed disease - half febrile - half  
maniacal. — Its approach is indicated  
according to Hippocrates  
by a Spitting. This a symptom of  
mania - hence mad people - called  
spuritators - or spitters.

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the contusion shd. be on the head - The  
soldier's case who slipped from the roof of  
a house & fell on his feet - died with  
Phrenitis. — De-martinis case. —

It is said generally to terminate  
on the 3<sup>rd</sup> 4<sup>th</sup> & 5<sup>th</sup> day. — but sometimes in  
atypus. — } Its cure

- 1 Copious Bleeding - from the Arteries - or  
varicids - Leeches - Cupping &c. Duke of  
Cumberland cure by Dr. by Dr. Napier. —
- 2 purging medicines & Clysters to <sup>invite</sup> derive  
the blood downwards. —
- 3 erect posture, or nearly so - in bed.
- 4 application of cold water, or Vinegar.
- 5 Dr. Smith's case. <sup>much used in contu-</sup>  
<sup>sions of the brain in Pupils. Le Drains feet. open</sup>  
Blisters - to the head first shaved - or to  
the neck - have seen them twice  
successful.

The symptomatic Phrenitis,  
from, pleurisy - Small pox - measles - Hydro-  
cephalus - hepatitis - pain. <sup>cause, rapidity of Circulation</sup> The, case the same as

✓ or rather gripathic & symptomatic.  
The first are local, & the second form cases which act on the whole system. Gall stones - contusions - & perhaps colic are local all the rest - are general & produce this effect thro' the medium of the whole system.

+ I have met with one very acute case of hepatitis in <sup>the</sup> w<sup>th</sup> the patient complained much of her back & head - especially her head - often lifted her hand to it, & cried out "Oh my head - my head" - my head - as in hydrocephalus internum. <sup>was frequently delir.</sup> She had several convulsive fits & not with<sup>th</sup> the recovered. - Mrs<sup>th</sup> Eggar. —

Dr Girdlestone says ~~is~~ pain in the left shoulder when left lobe of the liver - Other symptoms, but not infallible are elevation of the shoulders - a dry hollow cough - pain in the lumbar region - Out of 100 darkness under publicity no one

for the original disease - not having a bias to the head in the applications of cold & blisters. — Opium hurtful in both.

Hepatitis <sup>acute & chronic</sup> <sup>V</sup>

1. The Acute

1 " Tension & pain of the right hypocondriac region - Sometimes Obtuse - Sometimes acute - pain extending to the right clavicle, & shoulder - Difficulty of lying on the left <sup>but not universally so</sup> - Dyspnoea - dry cough - Vomiting - Yellowups <sup>?"</sup> — Hippocr. says - blood from the right nostril - a connection between ~~the~~ <sup>the</sup> liver & liver. The former cold in Mrs. Mosley's case. — Yellowups after 3 or 6 day

2 The Chronic " All the symptoms before mentioned in an inferior degree - or a sense of fulness or heaviness on the right side - enfeebled by proposure - with a tense & full pulse - Sometimes a yellow color of the eyes <sup>in</sup> pulse generally hard" —

In both I have observed pain below <sup>the</sup> pit of the stomach, & on the left side.

Liver - large & not very sensible - Membranous & parenchymatous. Diff. symptoms according to part affected. —

was affected by it.

The flanders influenza is the sensible qual-  
-lities of the air - ~~big~~ to have in producing  
internal inflam<sup>n</sup> in our climate is  
happily illustrated in the report of the  
Dispensary of this city for the year 1789.

They had 108 pneumonies & only 4  
cases of hepatitis. - If heat & cold do  
not produce it - what are its causes?

Here a short digression. -

1 The liver remote from the ~~active~~<sup>active</sup>  
principle of the circulation, Obstructions  
are more apt to occur there, than in other  
parts of the body. The matter of this obstruc-  
-tion by burning and, & is a stimulus,  
it so produces inflam<sup>n</sup> - These Obstructions  
occur in after vomiting & internal fevers -  
occur in after great grief when it acts  
indirectly, <sup>as at</sup> or is relative - also in  
hard drinkers in whom the system is  
much debilitated, and of course disposed  
to Obstruction especially in the liver - <sup>also</sup>

[a general remark]

✓ many cases of this kind in Mongagni - In  
the country do the papions produce more diseases  
than in Italy - The papions there strong, but  
& the systems debilitated by luxury & vice -  
a cardinal dies apoplecti the morning after  
he leaves the papal chair - a monk drops  
down dead in the pulpit from the same disorder  
in a paroxysm of passionate eloquence - & Banti  
says a young man will cry & roar like a  
whipped child, in retiring from the presence  
of a mistress who has refused him. - The same  
imbecility of mind & body seems to be sweeping  
upon the french nation - hence we read in the

in great feeders - from <sup>242</sup> compression of the liver - have seen many instances of the last in Philad<sup>a</sup>: - The liver seems to be the outlet of life in Downhards & Gluttons.

2 Colics - often produce it - most of the

cases I have seen be introduced by Colic, accompanied by Vomiting - sometimes Diarrhoea, in the upper vowels. - no wonder - the

Duodenum near it. cold water acts in  
this way. Mrs Delon's case. - whether drink-  
ing? Continuation of inflam: from pleu-  
-ray. - ~~respiratory~~ - This proved in  
Dr Redman's case - discharged itself in  
purs thro the lungs. -

4 Violent passions of the mind. "Bile  
turnet jens jeans" - the poetical expression  
for anger. Jas. Read's case. — Mrs. Galloway  
had it after a violent excitement of his passions in a  
political controversy.  
5 Violent heat. If the liver is an excretory  
viscus, & if the bile is an acrid or putrid  
secretion of from the blood — then it will  
be most acrid in the warm weather, or  
in warm climates where there is the

the first stage of  
Anecdotes of their revolution, that they more tears than  
blood have been expended in effecting it. —

billions committing &  
+ liable to be affected in the yellow fever.  
all dissections show inflam:<sup>m</sup>: — or  
gangrene after death from these  
diseases. —

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greatest kept in tendency of the Pinenos.

-This bill - expensive in quantity - more varied  
than usual in quality - & perhaps disposed  
to Obstructions, <sup>is the cause</sup> probably of  
producing that repudiation

Often described by writers in India. Perhaps  
its great excitability from this cause - renders it more  
6 gallstones - rapid life - obstructing the +

Cystis dact. or Dactylis communis Chole-

Doctors. I once saw a dissection of a woman whose gall bladder was full of them. They were hard - but ~~and~~ <sup>are</sup> very inflam<sup>ble</sup> as appeared by holding them to the candle.

D<sup>r</sup> Heberden describes the diseases from very accurately them, such as pain - Colic - Jaundice but he adds - fever of the intermitting kind. I have ~~ever~~ seen it exist for two occasionally in the form of years <sup>as</sup> a tertian occasionally. Both - & even Dr. were used to no purpose, - nor did I suspect the true cause till I was directed to it by D<sup>r</sup> Heberden - a physician

V 8 Remitting fever - especially in the  
autumn of cool summers as in 1790 Dr. J.  
says Intermittent. Stoppage it. —

9<sup>th</sup> April. Dr. Chriet was sick with this  
disorder in the 84<sup>th</sup> year of his age -  
& probably from the heat to which he  
had been subject a few years & months before.  
- He was twice bled, & his blood was very  
sirry. - its serum was very yellow. His  
eyes were likewise yellow.

10 Intemperate use of spirits. This  
very common. So these Dr. Gridstone  
adds. 11. violent exercise. 12 bad water, want of  
vegetables. & great depletion after long fasting.  
4 15 The abuse of ♀. -

genius & 244  
whose sagacity seems to have led him to

discover by diseases, & to symptoms  
of diseases which had escaped every body  
else.

Besides, these gallstones, there is  
from chalybeate calomel & worms.

7 Contusions, or wounds. One instance on  
the head of Linn. Vol. 1 - p: 142 - ✓

They all produce either acute, or  
chronic Hepatitis, according to their degree.

### Case

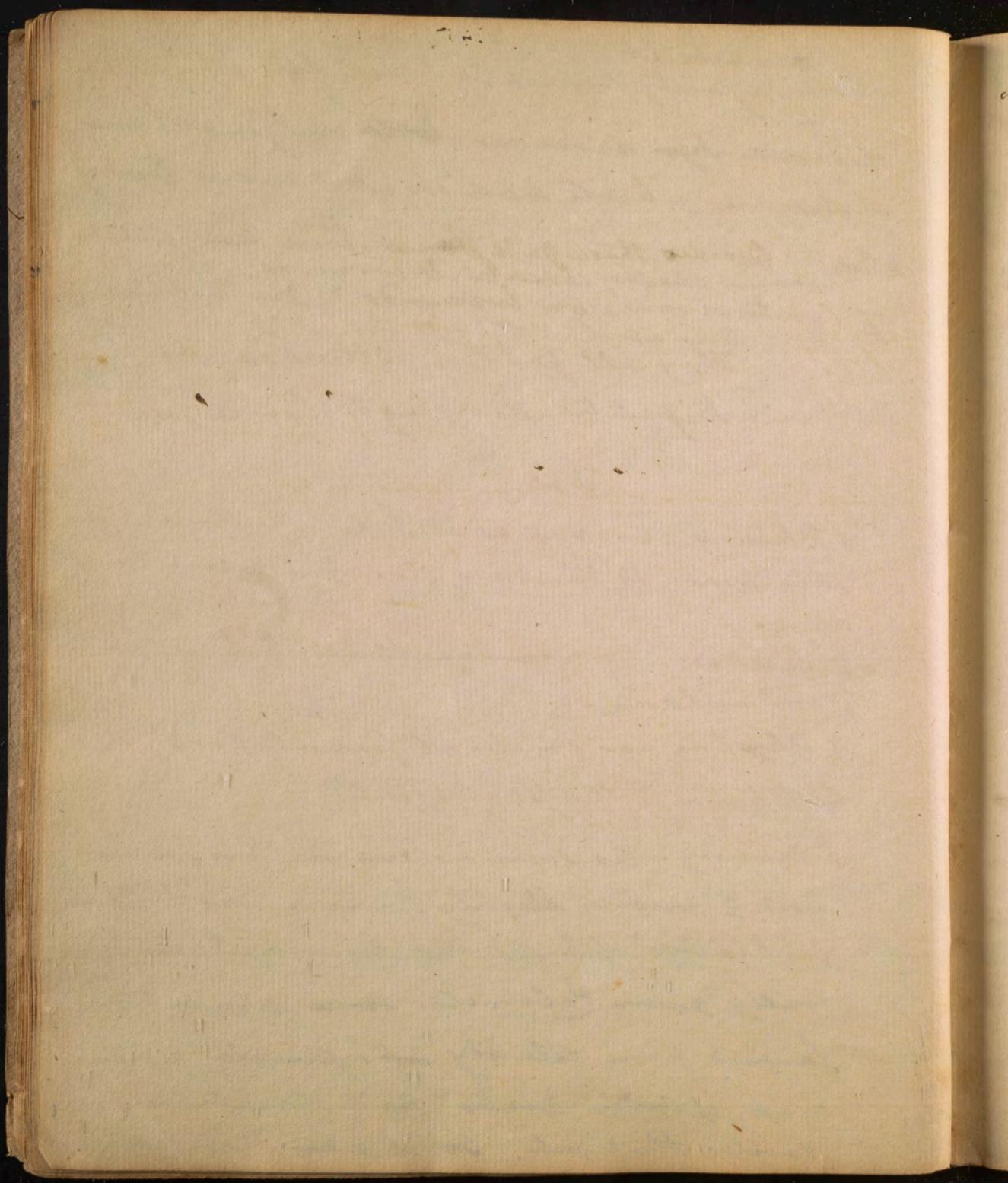
1 Bleeding - in one case I bled a woman in  
this disease 14 times in the same number of  
days. -

2 Laxatives - if constipation attends, - Dr. if Vomiting  
or Diarrhaea. -

3 Glysters - as emollient fomentations.

4 Blisters to the part affected

5 Mercury. As soon as evacuations have been  
used & proper. Highly commended <sup>by</sup> Dr. Park  
in his Art of East India diseases. I have gene-  
rally given Calomel. It's circulation  
languid from debility & especially after  
cess of action abates. So & stimulates &  
excites the Vips. ~~as it may~~ Dr. Lind says



should never be used till after V.S. In the East Indies  
& applied in ointment. Happ in a case. - But  
after all - we sometimes fail of evolution, & the  
disease terminates in Gangrene on the 5<sup>th</sup>  
or 6<sup>th</sup> day. I once saw fatal on the 2<sup>nd</sup> in Cap:  
York - a drunkard. - ~~but~~ but more more  
frequently in suppuration. Known by  
chills - & <sup>constant</sup> cessation of pain, but violent not  
occasional spasms. ~~but always pus~~ but green - gelatinous, or  
bloody. - This matter discharges itself <sup>12</sup> <sup>th</sup>  
the biliary ducts into the ~~the~~ bowels - either in  
purgings or vomiting. I have known two cases  
of it fatal. - One Birmingham - at breakfast  
after a supposed recovery. - But I have seen  
many more cases terminate favorably. The  
matter discharged is not always pus - but  
much often green - bilious - gelatinous -  
or bloody. I have seen the two former several  
times, but never the last. In one case  
a hectic <sup>th</sup> chills followed an hepatitis, but  
all its symptoms disappeared. - Pulse hard -

3-2

+ It is remarkable that the abscess collects & discharges itself four or five times before it heals. Before each discharge Mrs. Glouster felt lameness in her right leg & thigh which went off with the discharge. The pulse fuller also before each discharge. Weakness and inability to walk generally attends it. The same inability to walk in <sup>the</sup> morning, and <sup>the</sup> evening.

After this disease, as well as after pneumonia a small pain often remains in the liver. Caused by fits of <sup>long</sup> ~~long~~ in Mrs. Par - Mrs. Miller & myself in one night. —

F. The discharge here was striated like small worms

~~Persons~~ Persons who have had Uterine disease for years - and even life long as in Dr. Howan & Dr. Redman's case, subject to spasms in the side upon taking cold, — or from fatigue.

blood once drawn very - great pain or spasm in the breast - after languishing in this state a discharge of slimy green stools in a few days carried off the disease. - Mrs Moffat's case. - 11<sup>th</sup> times bled - now well - bore two children since. + in 2<sup>nd</sup> mode of discharge is this the diaphragm into the lungs, from whence it is discharged by expectoration. Dr. Redman's case. 3<sup>rd</sup> into the cavity of the thorax. A case by Morgan. a 4<sup>th</sup> into the cavity of the abdomen from whence it is generally fatal & suddenly. where it is ~~dangerously~~ <sup>dangerously</sup> tapping: -

or 5<sup>th</sup> externally. The first <sup>patient</sup> case I ever saw in the Penna. hospital, was a sailor who recovered from a suppuration <sup>the</sup> supplicated externally. Dr. Bond performed the operation of opening it frequently, & w<sup>th</sup> success. Dr. Smith, the professor of Dr. Kotteries of Maryland performed it 4 times <sup>the</sup> success likewise: Such suppurations less frequent than formerly from being better understood, & from more copious 10: -

Dr. Beecham's tables of a 6<sup>th</sup> <sup>the 4<sup>th</sup></sup> termination in effusion in the blood, & 7<sup>th</sup> in serous. But have never seen them. V

